

STORMWATER MANAGEMENT PROGRAM (SWMP) COVER SHEET

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

Operator

Operator name: LRGV TPDES Stormwater Task Force

Required Program Elements

The SWMP needs to include:

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

Legal Authorities

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

Minimum Control Measures

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

MCM 1: Public Education, Outreach, and Involvement

Table 1: Required Elements for MCM 1

MCM 1 Required Elements	SWMP page number
SWMP includes a stormwater education and outreach program to educate public employees, business, and the general public about hazards associated with the illegal discharges and improper disposal of waste and about the impacts stormwater can have on water quality, and steps they can take to reduce pollutants in stormwater	18-27
Clearly define the goals and objectives of the program based on high-priority community-wide issues	1-6, 9
Identify the target audiences	19-20
Develop or use appropriate educational material	18-27
Procedures to distribute educational material	18-27
Make the educational material available to the target audience at least annually	18-27

MCM 1 Required Elements	SWMP page number
Post the SWMP and annual reports on the MS4's website, if the MS4 has a website	22
Include the MS4's website address where the SWMP and annual reports will be found, if the MS4 has a website	22
SWMP includes a program that complies with state and local public notice requirements	26
Include public input in the implementation of the program	26
Include opportunities for citizen to participate in implementation of control measures	26
Ensure the public can easily can find information about the SWMP.	22-26
SWMP lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs could be stream-clean-ups, storm drain stenciling, volunteer water quality monitoring, brochures, billboards, and websites.	18-27
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	18-27
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	18-27

MCM 2: Illicit Discharge Detection and Elimination

Table 2: Required Elements for MCM 2

MCM 2 Required Elements	SWMP page number
Description of the program that will be used to detect, investigate and eliminate illicit discharges. The program includes a plan to detect and address illicit discharges, including illegal dumping to the MS4 system.	28-35
MS4 map: The map includes: <ul style="list-style-type: none"> • Location of all small MS4 outfalls operated by the MS4 and that discharge into waters of the U.S.; • Location and name of all surface waters receiving discharge from the MS4s outfalls; • For Level 3 and 4 small MS4s: Location of MS4 owned or operated facilities and stormwater controls; and • For Level 4 small MS4s: Location of priority areas. 	30-31
Methods for informing and training MS4 field staff	31-32
Procedures for tracing the source of an illicit discharge	31-32

MCM 2 Required Elements	SWMP page number
Procedures for removing the source of the illicit discharge	32-33
Procedures to facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4	28,32
Procedures for responding to illicit discharges and spills	28, 32-33
Procedures for inspections in response to complaints	28, 32-33
For Level 2, 3, and 4 small MS4: Procedures to prevent and correct leaking on-site sewage disposal systems	67-69
For Level 3 and 4 small MS4s: Procedures for follow-up investigation to verify that the illicit discharge has been eliminated	69-70
For Level 4 small MS4s: Procedures for identifying and creating a list of priority areas within the small MS4s likely to have illicit discharges	69-71
For Level 4 small MS4s: Procedures for a dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. Dry weather field screening consists of (1) field observations and (2) field screening.	70-72
For Level 4 small MS4s: Procedures to reduce the discharge of floatables in the small MS4	73
SWMP lists BMPs used to fulfill this MCM. Examples of possible BMPs could be hazardous materials disposal opportunities, inspections of the storm sewer system, and dye testing.	67-69
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	67-69
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	67-69

MCM 3: Construction Site Stormwater Runoff Control

Table 3: Required Elements for MCM 3

MCM 3 Required Elements	SWMP page number
Program requires operators of construction sites one acre and greater (including larger common plan) to select, install, implement, and maintain stormwater control measures	36-43
Description of ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state and local law	39-40

MCM 3 Required Elements	SWMP page number
Program requires construction site operators to implement BMPs for erosion and sediment control	38-43
Program requires construction site operators to have procedures for initiating and completing soil stabilization measures	36-43
Program requires construction site operators to implement BMPs to control pollutants from equipment and vehicle washing and other wash waters	36-43
Program requires construction site operators to implement BMPs to minimize exposure to stormwater of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials	36-43
Program requires construction site operators to implement BMPs to minimize the discharge of pollutants from spills and leaks.	36-43
Program ensures that the construction site has developed a stormwater pollution prevention plan in accordance with the TPDES Construction General Permit TXR150000	36-43
Program prohibits illicit discharges such as wash out wastewater, fuels, oils, soaps, solvents, and dewatering activities	36-43
Procedures for construction site plan review to consider water quality impacts	36-43
Procedures for construction site inspections and enforcement of control measures, to the extent allowable under state and local law	36-43
Procedures for receipt and consideration of information submitted by the public	36-43
Procedures for MS4 staff training	36-43
For Level 3, and 4 small MS4s: Procedures to develop and maintain an inventory of all permitted active public and private construction sites greater than one acre (and sites that are less than one acre if part of larger common plan of development or sale)	73-74
SWMP lists BMPs used to fulfill this MCM. Examples may include: notification to discharger of responsibilities under TPDES CGP; hire staff to review construction site plans; provide a web page for public input on construction activities; perform site inspections and enforcement; provide education and training for construction site operators; and mechanism to prohibit discharges into MS4 where necessary.	73-74
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	73-74

MCM 3 Required Elements	SWMP page number
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	73-74

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

Table 4: Required Elements for MCM 4

MCM 4 Required Elements	SWMP page number
Description of a program that will be developed, implemented and enforced, to control stormwater discharges from private and public new development and redeveloped sites that discharge into the small MS4 that disturb one acre or more (and sites that disturb less than one acre that are part of a larger common plan of development or sale)	43-48
Description of ordinance or other regulatory mechanism that is in place or planned which will regulate discharges from new development and redevelopment projects	46-47
Establish, implement, and enforce a requirement that owners or operators of new development and redeveloped sites design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality	46-48
Procedures to document and maintain records of enforcement actions	46-47
Procedures to ensure long-term operation and maintenance of post construction stormwater control measures	46-47
Operation and maintenance of post construction stormwater control measures is documented	47-48
For Level 4 small MS4s: Develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained. Inspections must be documented	75-76
SWMP lists BMPs used to fulfill this MCM. Examples may include: local ordinance in place or planned; guidance document for developers to use; specific BMPs established for particular watersheds; list of appropriate BMPs provided to operators; elimination of curbs and gutters; incentives for use of permeable choices, such as porous pavement; requirements for wet ponds or other BMPs for certain size sites; and xeriscaping.	75-76
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	75-76

MCM 4 Required Elements	SWMP page number
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	75-76

MCM 5: Pollution Prevention and Good Housekeeping for Municipal Operations

Table 5: Required Elements for MCM 5

MCM 5 Required Elements	SWMP page number
Description of an operation and maintenance (O&M) program, including an employee training component, to reduce/prevent pollution from municipal activities and municipally owned areas included but not limited to park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations	49-56
Develop and maintain an inventory of facilities and stormwater controls that are owned or operated by the MS4	51-53
Procedures to inform or train staff involved in implementing pollution prevention and good housekeeping practices. Maintain training attendance records	53-54
Procedures to remove and properly dispose of waste from the MS4	56
Contractors hired by the MS4 must be required to comply with operating procedures. Develop contractor oversight procedures	51-56
Evaluate O&M activities for their potential to discharge pollutants in stormwater for road and parking lot maintenance, bridge maintenance, cold weather operations, right-of-way maintenance, etc.	50-56
Identify pollutants of concern that could be discharged from the O&M activities	53-56
Develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities	53-56
Conduct inspections of pollution prevention measures and maintain inspection log	53-56
Procedures for inspecting and maintaining structural controls	53-56
For Level 3 and 4 small MS4s: Develop and implement an O&M program to reduce the collection of pollutants in catch basins and other surface structures in the storm sewer system	77-84

MCM 5 Required Elements	SWMP page number
For Level 3 and 4 small MS4s: Develop a list of potential problem areas in the storm sewer system for increased inspection (for example, areas with recurring illegal dumping)	81-83
For Level 3 and 4 small MS4s: Implement an O&M program to reduce discharge of pollutants from roads that includes at least a street sweeping and cleaning program, or inlet protection. The program includes an implementation schedule and a waste disposal procedure	81-83
For Level 3 and 4 small MS4s: Assess its facilities for their potential to discharge pollutants into stormwater and identify high priority facilities that have a high potential to generate stormwater pollutants. At a minimum, facilities include the MS4s maintenance yards, hazardous waste facilities, fuel storage locations, and any other facilities at which chemicals or other materials have a high potential to be discharged in stormwater. Document the results of the assessments	81-83
For Level 3 and 4 small MS4s: Develop facility specific stormwater management Standard Operation Procedures for high priority facilities	82
For Level 3 and 4 small MS4s: MS4 implements stormwater controls at high priority facilities that address good housekeeping; de-icing and anti-icing storage; fueling operations and vehicle maintenance; equipment and vehicle washing	81-83
For Level 3 and 4 small MS4s: Develop and implement an inspection program that includes high priority facilities	83
For Level 4 small MS4s: Develop an application and management program for pesticides, herbicides, and fertilizers used at public open spaces. Implement the following: educational activities, permits, etc for applicators and distributors; encourage of non-chemical solutions for pest management; develop schedules that minimizes discharge of pollutants; ensure collection and proper disposal of unused pesticides, herbicides, and fertilizers	83-84
For Level 4 small MS4s: Evaluate flood control projects. Design, construct, and maintain new flood control structures to provide erosion prevention and pollutant removal from stormwater. Retrofitting of existing structural flood control devices is implemented to the maximum extent practicable (MEP)	84
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	77-84

MCM 5 Required Elements	SWMP page number
disposal; disposal of cigarette butts; and park maintenance (e.g., providing trash bags).	
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	77-84
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	77-84

MCM 6: Industrial Stormwater Sources

Table 6: Required Elements for MCM 6

MCM 6 Required Elements	SWMP page number
For Level 4 MS4 only: Identify and control industrial stormwater sources that at least includes the MS4's landfills; other treatment, storage, or disposal facilities for municipal waste; hazardous waste treatment, storage, disposal and recovery facilities; and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA).	85-86
For Level 4 MS4 only: Procedures for inspecting and implementing control measures for discharges from industrial stormwater sources.	85-86

Optional MCM 7: Municipal Construction Activities

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

Table 7: Required Elements for MCM 7

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



**LRGV TPDES Stormwater Task Force
Founded in 1998**



STORMWATER MANAGEMENT PROGRAM

*Developed in accordance with the requirements of TEXAS
COMMISSION ON ENVIRONMENTAL QUALITY -
TEXAS POLLUTANT DISCHARGE ELIMINATION
SYSTEM - TPDES GENERAL PERMIT TXR040000*

Permit Term: January 2019 – January 2024

Prepared June 2019

City of Alamo
City of Alton
City of Brownsville
Cameron County
Cameron County Drainage District #1
City of Donna
City of Edcouch
City of Edinburg
City of Elsa
City of La Feria
City of La Joya
City of La Villa
City of Los Fresnos
City of Mercedes
City of Mission
City of Palmhurst
City of Palmview
City of Primera
City of San Benito
City of San Juan
Town of Combes
City of Weslaco
Town of Combes

Copyright © 2019 by Research, Applied Technology, Education and Services, Inc. and the LRGV TPDES Stormwater Task Force. All rights reserved. This document or any portion thereof may not be reproduced or used in any manner whatsoever without the express written permission of the publisher except for the use of brief quotations in a document review.

Contents	Page
Table of Contents	i
Figures	iv
Tables	iv
Appendices	vii
Acronyms and Abbreviations	viii
Definitions	ix
Executive Summary	xii
1.0 INTRODUCTION	1
1.1 BACKGROUND.....	1
1.2 REGULATORY OVERVIEW.....	1
1.3 ARROYO COLORADO WATERSHED PROTECTION PLAN.....	3
1.4 LRGV TPDES STORMWATER TASK FORCE.....	3
1.5 MS4 PHASE II PROGRAM.....	5
1.6 REGIONAL SWMP.....	6
1.7 MS4 LEVELS.....	6
1.8 THE PURPOSE OF THIS DOCUMENT.....	10
1.9 ORGANIZATION OF THIS DOCUMENT.....	10
2.0 MS4 BACKGROUND	12
2.1 BACKGROUND.....	12
2.2 IMPAIRED RECEIVING WATERBODIES WITH AND WITHOUT TOTAL MAXIMUM DAILY LOADS	12
2.3 FORMS OF GOVERNMENT AND LEGAL AUTHORITY.....	14
2.4 RATIONALE STATEMENT FOR SWMP.....	17
3.0 PUBLIC EDUCATION, OUTREACH, AND INVOLVEMENT BMPs	19
3.1 PERMIT REQUIREMENTS.....	19
3.2 DISCUSSION OF PROGRAMS.....	20
3.2.0 Assess Public Education, outreach and involvement program.....	20
3.2.1 Utility Bill Insert, self-service materials and/or mailouts.....	21
3.2.2 Website.....	21
3.2.3 Classroom Presentations.....	23
3.2.4 Stenciling.....	23
3.2.5 Brochures and Videos.....	23
3.2.6 Signage.....	24
3.2.7 Community outreach.....	24
3.2.8 Watershed Education.....	25
3.2.9 Public Meetings.....	26
3.2.10 Advisory Workgroup.....	26
3.2.11 Hotline.....	27
4.0 ILLICIT DISCHARGE DETECTION ELIMINATION BMPs	28
4.1 PERMIT REQUIREMENTS.....	28
4.2 DISCUSSION OF PROGRAMS.....	30
4.2.0 Assess existing IDDE program.....	30
4.2.1 Sewer Map.....	30
4.2.2 Illicit Discharge Elimination Ordinance	31
4.2.3 Business Education.....	31
4.2.4 Illicit Discharge Inspections.....	32
4.2.5 Business Site Inspections.....	32
4.2.6 Household Hazardous Waste.....	33
4.2.7 Source Investigation and Elimination.....	33
4.2.8 Hotline.....	34

4.3	LIST OF ALLOWABLE NON-STORMWATER DISCHARGES	34
5.0	CONSTRUCTION SITE STORM WATER RUNOFF CONTROL BMPs	36
5.1	PERMIT REQUIREMENTS.....	36
5.2	DISCUSSION OF PROGRAMS.....	39
5.2.0	Assess existing Construction Site Stormwater Control program.....	39
5.2.1	Erosion Control Ordinance.....	39
5.2.2	Construction Site Plan Review and Oversight	40
5.2.3	Site Inspection and Policy Enforcement.....	41
5.2.4	Training for regulated community.....	41
5.2.5	Construction Site Waste Management.....	42
5.2.6	Provide Construction BMP outreach program.....	42
6.0	POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT BMPs	44
6.1	PERMIT REQUIREMENTS.....	44
6.2	DISCUSSION OF PROGRAMS.....	45
6.2.0	Assess existing Post-Construction program.....	45
6.2.1	Post-Construction Ordinance.....	46
6.2.2	Drainage Design Policy.....	47
6.2.3	BMP Maintenance.....	47
6.2.4	Land Use Plan.....	48
7.0	POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS BMPs	49
7.1	PERMIT REQUIREMENTS.....	49
7.2	DISCUSSION OF PROGRAMS.....	51
7.2.0	Assess Program.....	51
7.2.1	Stormwater Sewer System O&M.....	51
7.2.2	Street Sweeping.....	53
7.2.3	Employee Training	54
7.2.4	SOP program and Pollution Prevention Measures	54
7.2.5	Site Visits/Inspections	55
7.2.6	Collection and Disposal of Stormwater Waste	56
8.0	IMPAIRED RECEIVING WATERBODIES WITH AND WITHOUT TOTAL MAXIMUM DAILY LOADS BMPs.....	57
8.1	PERMIT REQUIREMENTS.....	57
8.2	DISCUSSION OF PROGRAMS.....	60
8.2.1	Source Determination.....	61
8.2.2	Bacteria Impairment Program.....	62
8.2.3	Workgroup.....	63
8.2.4	Reporting.....	63
9.0	LEGAL AUTHORITY BMPs.....	64
9.1	PERMIT REQUIREMENTS.....	42
9.2	DISCUSSION OF PROGRAMS.....	65
9.2.1	Ordinances, Orders and Policy.....	65
9.2.2	Interlocal agreements, other instruments required to assist non-traditional MS4s.....	66
10.0	ILLICIT DISCHARGE DETECTION ELIMINATION-ADDITIONAL BMPS FOR TYPE II, TYPE III AND TYPE IV MS4s	67
10.1	PERMIT REQUIREMENTS.....	67
10.2	DISCUSSION OF PROGRAMS.....	69
10.2.1	OSSF leak detection, prevention and mitigation (Type II, III and IV MS4s).....	69
10.2.2	Identify priority areas (Type IV MS4 only).....	69
10.2.3	Field Screening (Type IV MS4 only).....	70
10.2.4	Notification of Illicit Discharge (Type II-Non-Traditional MS4s only).....	71



10.2.5	Source Investigation and Elimination (Type III and IV MS4 only).....	71
10.2.6	Floatables.....	72
11.0	CONSTRUCTION SITE STORM WATER RUNOFF CONTROL -ADDITIONAL BMPS FOR TYPE III & IV MS4s.....	73
11.1	PERMIT REQUIREMENTS.....	73
11.2	DISCUSSION OF PROGRAMS.....	73
11.2.1	Construction Site Inventory.....	73
12.0	POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT-ADDITIONAL BMPS FOR TYPE IV MS4s	75
12.1	PERMIT REQUIREMENTS.....	75
12.2	DISCUSSION OF PROGRAMS.....	75
12.2.1	Inspection program.....	76
13.0	POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS-ADDITIONAL BMPS FOR TYPE III AND TYPE IV MS4s	77
13.1	PERMIT REQUIREMENTS.....	77
13.2	DISCUSSION OF PROGRAMS.....	80
13.2.1	Stormwater Sewer System O&M.....	80
13.2.2	Roadway O&M.....	81
13.2.3	Mapping of Facilities.....	82
13.2.4	Facility specific SOPs.....	82
13.2.5	Stormwater Controls for High Priority Areas.....	82
13.2.6	Inspections Waste	83
13.2.7	Pesticide, Herbicide, Fertilizer Application & Management Program (Type IV MS4 only).....	83
13.2.8	Evaluate Flood Control Projects.....	84
14.0	INDUSTRIAL STORMWATER SOURCES BMPs FOR TYPE IV MS4s.....	85
14.1	PERMIT REQUIREMENTS.....	85
14.2	DISCUSSION OF PROGRAMS.....	85
14.2.1	Identify and Control Pollutants in Stormwater Discharges.....	85
15.0	RECORD KEEPING BMPs.....	87
15.1	PERMIT REQUIREMENTS.....	87
15.2	DISCUSSION OF PROGRAMS.....	89
15.2.1	Reporting program.....	90
16.0	REFERENCES	91

Figures

Figure 1-1	LRGV PROJECT AREA	1
Figure 1-2	Region M.....	2
Figure 1-3	Arroyo Colorado.....	4

Tables

Table 2-0	LRGV TPDES Stormwater Task Force Members.....	9
Table 2-1	Lower Rio Grande Valley TPDES Stormwater Task Force Background Information.....	12
Table 2-2	List of Waters Meeting Standards.....	13
Table 2-3	List of Unimpaired Waters List of Impaired Waters without an EPA Approved TMDL.....	13
Table 2-4	List of Impaired Waters with an EPA Approved TMDL.....	13
Table 2-5	Lower Rio Grande Valley TPDES Stormwater Task Force Receiving Waters associated with the MS4s.....	14
Table 2-6	Lower Rio Grande Valley TPDES Stormwater Task Force Forms of Government and Legal Authority.....	15



Tables of BMPs

Table 3-0	Public Education, Outreach, and Involvement BMPs.....	20
Table 3-1	Implementation Schedule – Assess Public Education, Outreach and Involvement program.....	21
Table 3-2	Implementation Schedule – Utility Bill Inserts, self service materials and/or mailouts	21
Table 3-3	LRGV Task Force.....	22
Table 3-4	Implementation Schedule – Web Site.....	22
Table 3-5	Implementation Schedule – Classroom Presentations.....	23
Table 3-6	Implementation Schedule – Stenciling.....	23
Table 3-7	Brochures and Videos.....	24
Table 3-8	Signage.....	24
Table 3-9	Community Outreach	25
Table 3-10	Education - Watersheds.....	26
Table 3-11	Public Hearings.....	26
Table 3-12	Advisory Workgroup.....	26
Table 3-13	Hotline.....	27
Table 4-0	Illicit Discharge Detection and Elimination (IDDE) BMPs.....	30
Table 4-1	Assess existing IDDE program.....	30
Table 4-2	Sewer Map.....	31
Table 4-3	Illicit Discharge Elimination Ordinance.....	31
Table 4-4	Business Education	32
Table 4-5	Illicit Discharge Inspections	32
Table 4-6	Business Site Inspections	33
Table 4-7	Household Hazardous Waste.....	33
Table 4-8	Source Investigation and Elimination	34
Table 4-9	Hotline.....	34
Table 5-0	Construction Site Stormwater Controls BMPs.....	39
Table 5-1	Assess existing Construction Site Stormwater Control program.....	39
Table 5-2	Erosion Control Ordinance.....	40
Table 5-3	Construction Site Plan Review and Oversight.....	41
Table 5-4	Site Inspection and Policy Enforcement.....	41
Table 5-5	Training for Regulated Community.....	42
Table 5-6	Construction Site Waste Management	42
Table 5-7	Provide Construction BMP outreach program.....	43
Table 6-0	Post-Construction Stormwater Management in New Development and Redevelopment BMPs.....	45
Table 6-1	Post Construction Stormwater Management in New Development and Redevelopment Program.....	46
Table 6-2	Post-Construction Ordinance.....	47
Table 6-3	Drainage Design Policy	47
Table 6-4	BMP Maintenance.....	48
Table 6-5	Land Use.....	48
Table 7-0	Pollution Prevention/Good Housekeeping for Municipal Operations BMPs.....	51
Table 7-1	Assess Pollution Prevention/Good Housekeeping for Municipal Operations BMPs.....	51
Table 7-2	Stormwater Sewer System O & M.....	53
Table 7-3	Street Sweeping.....	54
Table 7-4	Employee Training Program.....	54
Table 7-5	SOP program and Pollution Prevention Measures.....	55
Table 7-6	Site Visits/Inspections.....	56
Table 7-7	Collection and Disposal of Stormwater Waste.....	56
Table 8-1	Impaired Water Bodies and Total Maximum Daily Load (TMDL) BMPs.....	61
Table 8-2	Source Determination.....	62
Table 8-3	Bacteria Impairment Program.....	62
Table 8-4	Bacteria Impairment Program.....	63
Table 8-5	Reporting.....	63
Table 9-1	Legal Authority BMPs.....	65



Table 9-2	Ordinances, Orders and Policy.....	66
Table 9-3	Interlocal agreements, other instruments required to assist non-traditional MS4s.	64
Table 10-1	Illicit Discharge Detection and Elimination (IDDE) BMPs for Type II, III and IV MS4s.....	69
Table 10-2	OSSF leak detection, prevention and mitigation (Type II, III, and IV MS4)	69
Table 10-3	Identify priority areas (Type IV MS4)	70
Table 10-4	Field Screening (Type IV MS4 only)	70
Table 10-5	Notification of Illicit Discharge (non-traditional small MS4s)	71
Table 10-6	Source Investigation and Elimination (Type III and IV MS4s)	71
Table 11-1	Construction Site Storm Water Controls BMPs (Type III and IV MS4s)	73
Table 11-2	Construction Site Inventory (Type III and IV MS4s)	74
Table 12-1	Post-Construction Stormwater Management in New Development and Redevelopment BMPs (Type IV MS4s)	75
Table 12-2	Inspection Program (Type IV MS4s)	76
Table 13-1	Pollution Prevention/Good Housekeeping for municipal operations BMPs.....	80
Table 13-2	Storm Sewer System O&M (Type III and IV MS4s)	81
Table 13-3	Roadway O&M (Type III and IV MS4s)	81
Table 13-4	Mapping of Facilities (Type III and IV MS4s)	82
Table 13-5	Facility specific SOPs (Type III and IV MS4s)	82
Table 13-6	Stormwater Controls for High Priority Areas (Type III and IV MS4s)	83
Table 13-7	Inspections (Type III and IV MS4s)	83
Table 13-8	Pesticide, Herbicide, Fertilizer Application & Management Program (Type IV MS4s)	84
Table 14-1	Industrial Sources BMPs (Type IV MS4)	85
Table 14-2	Industrial Source Program (Type IV MS4)	86
Table 15-1	Reporting BMPs	89
Table 15-1	Reporting	90

Appendices

Appendix A General Permit for Small Municipal Separate Storm Sewer Systems to Discharge Under the Texas Pollutant Discharge Elimination System, Permit No. TXR040000, January 24, 2019

Appendix B TCEQ TPDES Fact sheet

Appendix C NOIs and Location Maps

Appendix D UA Maps

Appendix E BMP Tables – Regulatory Requirements

Acronyms and Abbreviations

BMP	Best Management Practices
CCDD1	Cameron County Drainage District #1
CFR	U.S. Code of Federal Regulations
CRP	Clean Rivers Program
CWA	Clean Water Act
EPA	Environmental Protection Agency
GIS	Geographic Information System
GPS	Global Positioning System
HHW	Household Hazardous Waste
LRGV	Lower Rio Grande Valley
LTSTF	LRGV TPDES Stormwater Task Force
MCM	Minimum Control Measure
MEP	Maximum Extent Practicable
MS4	Municipal Separate Storm Sewer System
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and Maintenance
P2	Pollution Prevention
SIC	Standard Industrial Classification
SSO	Sanitary Sewer Overflow
SWMP	Storm Water Management Program
SWP3	Storm Water Pollution Prevention Plan
SWQM	Surface Water Quality Monitoring
TCEQ	Texas Commission on Environmental Quality
TAC	Texas Administrative Code
TDA	Texas Department of Agriculture
TMDL	Total Maximum Daily Load
TPDES	Texas Pollutant Discharge Elimination System
UA	Urbanized Area

Definitions

Best Management Practices – schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. Best management practices also include treatment requirements, operating procedures, practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

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.

Control Measure – any best management practice or other method used to prevent or reduce the discharge of pollutants.

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.

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 composed entirely of storm water except discharges pursuant to a National Pollutant Discharge Elimination System permit (other than the municipal separate storm sewer).

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.

Municipal Separate Storm Sewer System (MS4) – a conveyance or system of conveyances including roads with drainage systems, municipal streets, catch basins, curb, gutters, ditches, man-made channels, or storm drains.

National Pollutant Discharge Elimination System (NPDES) – National program for issuing, modifying, revoking and reissuing, terminating, imposing and enforcing pretreatment requirements, under sections 307, 402, 318, and 405 of CWA.

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.

Redevelopment – alterations of a property that change the footprint of a site or building in such a way that results in the disturbance of equal to or greater than 1 acre of land.

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, manmade 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.

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

Stormwater – stormwater runoff, snow melt runoff, and surface runoff and drainage.

Watershed – The region draining into a river, river system, or other body of water.

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 (MHW) out 10.36 miles into the Gulf), and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or non-navigable, and including the beds and banks of all watercourses 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 and the 2010 decennial census.

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

- (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 the CWA are not waters of the U.S. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the U.S. (such as disposal area in wetlands) nor resulted from the

impoundment of waters of the U.S. Waters of the U.S. do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the CWA, the final authority regarding the CWA jurisdiction remains with the EPA.

EXECUTIVE SUMMARY

In 1998, founded by Andrew Ernest and Javier Guerrero, a coalition of thirteen (13) Lower Rio Grande Valley (LRGV) local governments joined to form the LRGV TPDES (Texas Pollutant Discharge Elimination System) Stormwater Task Force (Task Force) in a joint effort to develop a proactive regional approach to comply with the TPDES Phase II Municipal Separate Stormwater Sewer System (MS4) rules. The Task Force developed a regional stormwater management program (SWMP) adopted by the membership. The SWMP includes Best Management Practices (BMPs) that are required as part of the six (6) Minimum Control Measures (MCMs) of the State's TPDES program. **Today the Task Force is comprised of twenty-three (23) local governments sharing one regional watershed based SWMP.**

Organization and Mission of the LRGV TPDES Stormwater Task Force. The TASK FORCE project idea was born from a 1998 local stormwater brainstorming round table held in La Feria, Texas. Several preliminary meetings continued at various cities until the coalition was formally organized. Local government officials and qualified professionals representing various communities in the LRGV region attended these meetings. The group agreed to develop a way to achieve a regional SWMP to comply with the TPDES regulations. The group formalized the organization by contractually empowering TAMUK to facilitate the group and by developing a system of by-laws that included election of board members and officers.

The TASK FORCE uses a unique, collaborative regional approach to involve various levels of government, including the Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection Agency (EPA), in developing cost-effective solutions that will achieve compliance with the TPDES rules. The TASK FORCE project embodies the spirit of the mutually beneficial relationships between local governments and embellishes this relationship with academia and regulators. After nineteen (19) years, although the impact of this organization has translated into a regional collaboration movement not seen anywhere else in the State, the overall impact of this organization has yet to be fully realized. The primary goal of the TASK FORCE project in 1998 was to develop and implement a regional SWMP to comply with Phase II regulations. In 2002, TASK FORCE participants began entering into local government interlocal agreements with TAMUK, which outlined the desire to address stormwater quality issues on a regional basis and named TAMUK as its facilitator. In executing these interlocal agreements, emphasis was placed on developing programs that study existing successful programs, addressing community goals, providing technical assistance and training, and promoting regional approaches.

In 2006, the TASK FORCE modified its mission to include stormwater quality management approaches to address broader water quality and watershed issues, particularly those associated with the Arroyo Colorado Watershed Partnership (ACWP), a local Total Maximum Daily Load (TMDL)-related organization. The TASK FORCE project has already enjoyed side benefits of increased communication and cooperation and created a collaborative process for discussing water quality issues in the LRGV's four-county region. In addition, this collaboration and others like it, has enabled the participating communities to successfully secure many grant funding opportunities since the TASK FORCE's inception. Academic researchers and faculty provided facilitation and management assistance for the TASK FORCE project, initiating this effort through a National Science Foundation (NSF) grant, other grants, and from annual membership fees collected from the member-local-governments. The funds provide resources for staff to facilitate the group's efforts in formulating TASK FORCE project goals and developing TASK FORCE programs. Funds, in part, are also used to host workshops, expert panel discussions, conferences, seminars and training sessions.

In 2008, during a TASK FORCE meeting held in Mission, TX, the organization formed several committees: ordinance, grant, scholarship, outreach, training, housekeeping, construction, and others. The TASK FORCE worked closely with the committees in developing the SWMPs by responding to recommendations and

suggestions posed by these committees. Recently, these committees have been replaced with work groups which now work with researchers in facilitating the organization and implementing the SWMPs. One key workgroup, responsible for luring millions of dollars worth of grant funding to the Valley, is the Low Impact Development (LID) workgroup. The LRGV LID Outreach, Education and Demonstration program is a highly regarded project in the region that resulted from collaboration efforts within this workgroup.

New Paradigm. The new stormwater paradigm presents many questions to local governments in the LRGV. What is a stormwater management program, what will it cost, who will fund the program, is it needed, and how much will it cost? The TASK FORCE realizes a regional program is a key part of a successful regional stormwater program. But regulators and academia do not have a firm grasp of the costs associated with developing and implementing such a program. Although the average citizen often takes for granted the services municipalities provide, the stormwater services are nonetheless expected. The region now requires that local governments provide a stormwater runoff pollution protection service. This new paradigm requires the development of infrastructure and funding strategies to support providing this service.

Storm Water Quality is Now a Municipal Responsibility. This is not the first-time local governments have been confronted with environmental water quality regulations that affect the manner that cities allocate funds. TMDL regulations recently started developing new performance measures for local governments, and LRGV communities have become very familiar with the Arroyo Colorado TMDL studies. Based on these studies, the drafters of the Arroyo Colorado Watershed Protection Plan (ACWPP), which included members of the Task Force, concluded that urban stormwater runoff is contributing to the impairment of the Arroyo Colorado. Thus, the timing of the formation of the Task Force could not have been better. Local governments typically tend to procrastinate when it comes to addressing non-mandated environmental issues, usually because of lack of resources and lack of expertise and understanding rather than due to a non-proactive attitude. Still, finding funds to implement a regional SWMP program is a huge responsibility for any local government. Cost effectiveness and revenue potential were major considerations for our local governments when developing this Task Force.

In the LRGV, the communities share similar demographics and similar environmental concerns. Most residents live in low- or fixed-income households and cannot afford to pay fees to support the environmental-related requirements. Thus, there is a strong case for any type of collaboration that would keep costs down. In the LRGV, each community is contiguous to other communities, with some cities bordered by four (4) other cities. Thus, the LRGV appears as one urbanized metropolitan region. Although all these communities experience similar TPDES stormwater problems, none had in place a TPDES stormwater program or related ordinance. Since the creation of the TASK FORCE, stormwater tasks were generally viewed as “add-on” responsibilities for departments and staff that have other primary responsibilities. To varying degrees, with the exception of McAllen and Brownsville, the communities had existing staff (such as sanitary sewer, code enforcement, or road department personnel) handling stormwater operations, maintenance, regulation and enforcement. None of the communities could maintain a person, much less a department, to handle stormwater administration, planning, design, and engineering; water quality planning and monitoring; and capital improvements and expenditures. The regional approach taken by the TASK FORCE allows the LRGV communities to share these responsibilities, which results in a much more cost-effective program for addressing stormwater issues. Also realized in time, the TASK FORCE network provides a vitally important link to these small communities when new employees take on storm water related duties after key employee turnover. **The TASK FORCE project recognized its twentieth (20th) year of existence in 2018, and the organization is determined to continue evolving and to continue strengthening its partnership in the future.**

Transition from TAMUK to The University of Texas Rio Grande Valley (UTRGV). In September 2016, the TASK FORCE decided to move its operation from TAMUK to UTRGV, a move that will be complete by July 2017. Moving the operation to a more local venue assures daily availability of resources and support to the TASK FORCE from the College of Engineering & Computer Science, the Civil Engineering Department and the UT System. With locations in Brownsville and Edinburg, UTRGV is poised to assist the TASK FORCE to achieve higher levels of success.

Transition from UTRGV to RATES/RGV. In January 2019, at its annual retreat, the TASK FORCE opted to pursue becoming a non-profit agency promoting not only its compliance requirements, but education, research and community engagement. RATES, Inc., an existing research institute, founded in 2005, and the TASK FORCE agreed to merge and become RATES, Inc. dba RATES/RGV. Today, RATES/RGV is becoming a rapidly growing research institute in the Lower Rio Grande Valley that looks forward to promoting educational events, awarding scholarships and providing much needed professional training.

1.0 INTRODUCTION

1.1 BACKGROUND

The Lower Rio Grande Valley (LRGV) is growing at an incredible rate and by the year 2020 it is estimated that the population will exceed 1.6 million people (LRGVDC, 2003). The 2000 U.S. Census indicated that the population of the LRGV (Figure 1-1) was 924,772, and according to the Texas Water Development Board (TWDB), the population of the Rio Grande Region M (Figure 1-2) will increase by 142% by the year 2060. The population boom in South Texas has forced decision-makers to prioritize environmental concerns due to lack of local, state and federal resources. The top three concerns identified by the Texas Commission on Environmental Quality (TCEQ) in the Lower Rio Grande Subregion are water quantity, water quality, and illegal dumping of municipal solid waste (TCEQ, 2002).



Figure 1-1: Lower Rio Grande Valley Project Area (LRGVDC, 2003)

Because the LRGV over recent years has confronted environmental issues associated with lack of and diminishing solid waste facilities, deterioration of wastewater treatment plants, lack of resources for rehabilitating civil infrastructure, and widespread flooding concerns, surface water quality discussions have not emerged until recently. However, with the publication of the TCEQ's Phase II Municipal Separate Storm Sewer System (MS4) regulations in August 2007, there was a significant increase in the development of stormwater management programs (SWMPs).

1.2 REGULATORY OVERVIEW

Since 1948, with passage of the *Water Pollution Control Act* (WPCA), the federal government has attempted to regulate water quality, but it was not until between 1956 and 1966 that the United States Congress aggressively promoted water pollution control. Although water pollution control was mainly in the form of financial assistance to municipalities for the construction of wastewater treatment plants, an additional thrust by Congress in 1965 established the first water quality standards in the country with the passage of the *Water Quality Act* of 1965 (EPA, 2000). It was not until 1972 that water quality-based controls were established with passage of the comprehensive *Federal Water*

Pollution Control Act (FWPCA) Amendments (now called the *Clean Water Act*). During the 1970s the National Pollutant Discharge Elimination System (NPDES) permitting program was created to regulate discharges of all pollutants to navigable waters from any point source. However, during the 1970s and 1980s the NPDES program primarily targeted discharges of municipal and industrial wastewater. It was not until 1990 that the U.S. Environmental Protection Agency (EPA) promulgated NPDES regulations that established today's municipal stormwater program (EPA, 2005).

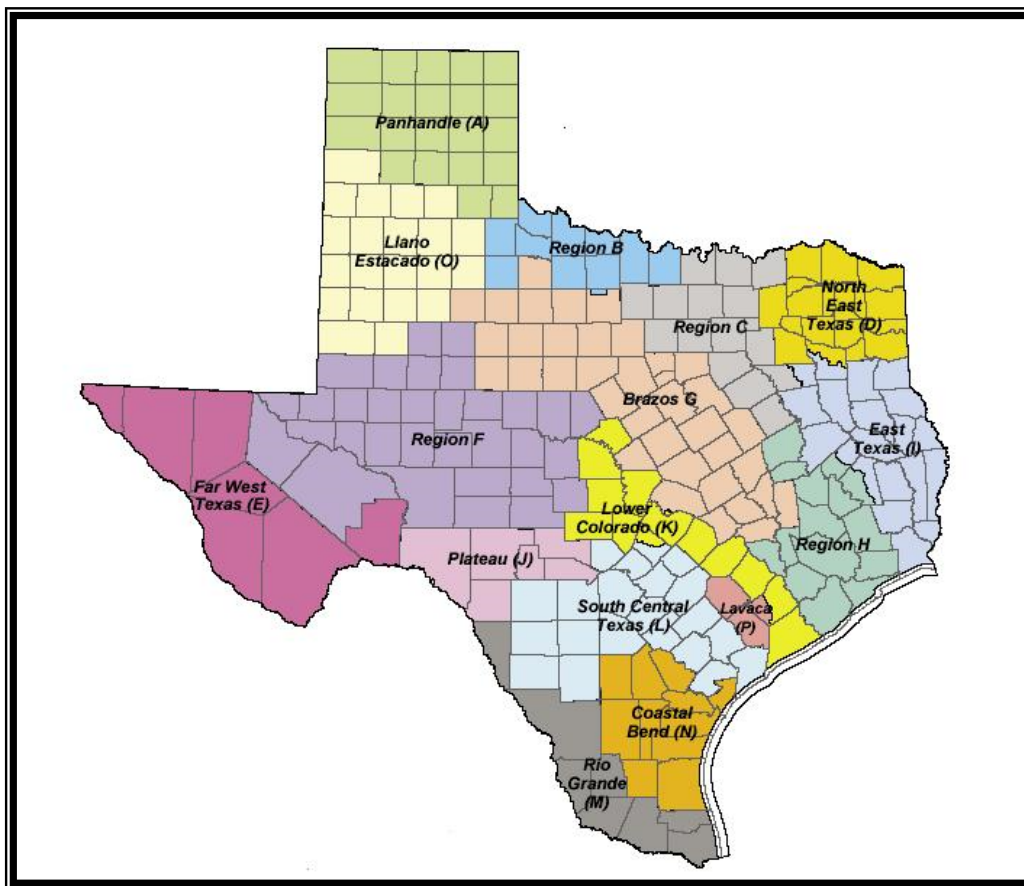


Figure 1-2: Region M (TCEQ, 2003)

Since the passage of these water pollution prevention laws our nation's waters have improved significantly. However, the EPA reports in its annual national Water Quality Inventory that as of 2000, 40% of our surface waters remain impaired. Of this, 13% of impaired rivers, 18% of impaired lake acres, and 32% of impaired estuaries are affected by urban/suburban stormwater runoff. Polluted stormwater runoff is typically transported by municipal separate storm sewer systems (MS4s) and discharged into local waterways without treatment (EPA, 2005).

In 1987, Congress amended the CWA to require the EPA to establish phased NPDES requirements for stormwater discharges. In 1990, the EPA published the initial permit application requirements that included: (a) 11 categories of stormwater discharges associated with industrial activity and, (b) discharges from MS4s that serviced a population of 100,000 or more (Federal Register Vol. 55, 1990). In South Texas, only Laredo, Corpus Christi and San Antonio were designated as Phase I MS4s (EPA, 1996). Although the LRGV cities of Brownsville and McAllen exceed this population today, both fell

under that threshold at that time, as did every other city in the region. In Texas, the NPDES program was renamed the Texas Pollutant Discharge Elimination System (TPDES) in 2001 when the EPA, through a memorandum of understanding, gave the TCEQ authority to administer the program (Federal Register, Vol 68, 1998).

The TCEQ established the Phase II MS4 program in 2003 to extend the Phase I program to include all municipalities in urbanized areas. Urbanized areas are defined as land areas with an overall population density of more than 1,000 people per square mile. As part of the Phase II MS4 program, in August 2007 the TCEQ issued TPDES General Permit Number TXRO40000. A unique attribute of the Phase II program is that federal and state operated MS4s are also regulated. This means small MS4s can include universities, hospitals, prisons, roads, parks and office buildings (EPA, 2005).

The LRGV municipalities' first taste of regional water quality regulations associated with stormwater runoff has not been the NPDES MS4 program, but rather the EPA's Total Maximum Daily Loading (TMDL) program. Many LRGV municipalities use the Arroyo Colorado as a receiving waterway for treated sanitary sewer wastewater and stormwater runoff (Figure 1-3).

1.3 ARROYO COLORADO WATERSHED PROTECTION PLAN

The Arroyo Colorado has been constantly assessed since 1974 by different entities. Of note, in 2002, the TCEQ completed a TMDL assessment that demonstrated that parts of the Arroyo Colorado did not meet water quality standards for dissolved oxygen. Consequently, the TCEQ initiated the Arroyo Colorado Watershed Protection Partnership (ACWPP) to facilitate local efforts to develop a watershed protection plan (WPP) to improve conditions in the Arroyo Colorado. The LRGV municipalities impacted by this project have been actively cooperating with the ACWPP, knowing that the ramifications of the watershed protection plan will affect water quality standards for their regulated water outfalls into the Arroyo Colorado (ACWP, 2007). However, in contrast to the NPDES stormwater regulations facing LRGV cities today, the ACWPP is currently a voluntary compliance effort.

1.4 LRGV TPDES STORMWATER TASK FORCE

In 1998, facilitated by Texas A&M University –Kingsville (TAMUK), a coalition of LRGV municipalities joined to form the LRGV TPDES Stormwater Task Force (LTSTF) in a joint effort to develop a proactive regional approach to comply with the TPDES Phase II MS4 rules. Today this membership includes 18 local governments. As of September 2016, The University of Texas Rio Grande Valley has assumed the leadership role for the Task Force.

The LTSTF project idea was born from a 1998 local stormwater brainstorming round table held in La Feria, Texas. Several preliminary meetings continued at various cities until the coalition was formally organized. Local government officials and qualified professionals representing various communities in the LRGV region attended these meetings. The group agreed to develop a way to achieve a regional SWMP to comply with the TPDES regulations. The group formalized the organization by contractually empowering TAMUK to facilitate the group and by developing a system of by-laws that included election of board members and officers.

The LTSTF uses a unique, collaborative regional approach to involve various levels of government, including the Texas Commission on Environmental Quality (TCEQ) and the Environmental Protection

Agency (EPA), in developing cost-effective solutions that will achieve compliance with the TPDES rules. The LTSTF project embodies the spirit of the mutually beneficial relationships between local governments and embellishes this relationship with academia and regulators. After sixteen (16) years, although the impact of this organization has translated into a regional collaboration movement not seen anywhere else in the State, the overall impact of this organization has yet to be fully realized.

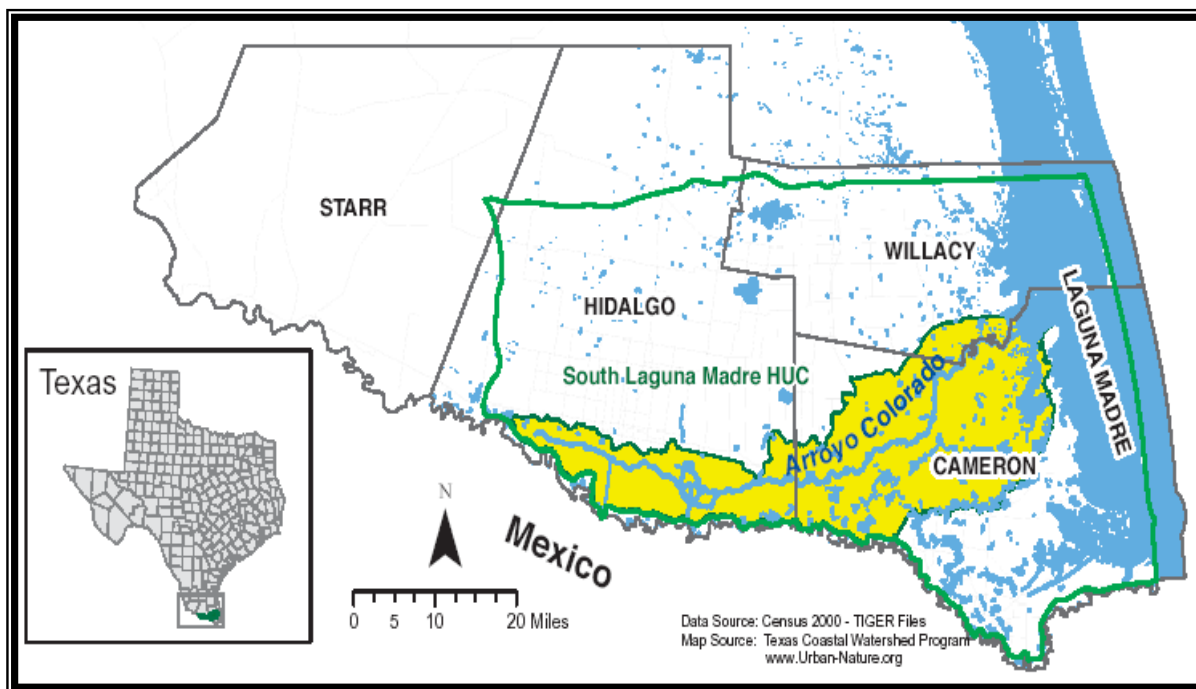


Figure 1-3: Arroyo Colorado Watershed shaded in yellow (ACWP, 2007)

The primary goal of the LTSTF project in 2000 was to develop and implement a regional SWMP to comply with Phase II regulations. In 2006, the LTSTF modified its mission to include stormwater quality management approaches to address broader water quality and watershed issues, particularly those associated with the Arroyo Colorado Watershed Partnership (ACWP), a local Total Maximum Daily Load (TMDL)-related organization. The LTSTF project has already enjoyed side benefits of increased communication and cooperation and created a collaborative process for discussing water quality issues in the LRGV's four-county region. In addition, this collaboration and others like it, has enabled the participating communities and TAMUK to successfully secure many grant funding opportunities since the Task Force's inception. The LTSTF membership is detailed in Section 2.0.

In 2000, LTSTF participants began entering into local government interlocal agreements with TAMUK, which outlined the desire to address stormwater quality issues on a regional basis and named TAMUK as its facilitator. In executing these interlocal agreements, emphasis was placed on developing programs that study existing successful programs, addressing community goals, providing technical assistance and training, and promoting regional approaches.

In addition to the local governments listed in Appendix C, the following organizations and individuals have been involved in LTSTF project planning and training: the cities of Laredo, Corpus Christi and San Antonio, the ACWP, TCEQ Water Quality Division and Small Business Group, EPA Region 6 Non-Point

Source (NPS) Division and Border 2020 Group, South Texas Environmental Institute, Texas Department of Transportation (TxDOT), Texas Sea Grant, Valley Nature Center, Texas Water Resources Institute, Texas Transportation Institute (TTI), LRGV Development Council (LRGVDC), International Boundary and Water Commission (IBWC), Texas State Soil and Water Conservation Board (TSSSWB), South Texas College, University of Texas-Rio Grande Valley (UTRGV), Texas Parks and Wildlife (TPWD), and dozens of local ISDs (Independent School Districts).

TAMUK provided facilitation and management assistance for the LTSTF project, initiating this effort through a National Science Foundation (NSF) grant, other grants, and from annual membership fees collected from the member-local-governments. The funds provide resources for staff to facilitate the group's efforts in formulating LTSTF project goals and developing LTSTF programs. Funds, in part, are also used to host workshops, expert panel discussions, conferences, seminars and training sessions. During a Task Force meeting held in Mission, TX, the organization formed several committees: ordinance, grant, scholarship, outreach, training, housekeeping, construction, and others. TAMUK worked closely with the committees in developing the SWMPs by responding to recommendations and suggestions posed by these committees. Recently, these committees have been replaced with work groups which now work with RATES/RGV in facilitating the organization and implementing the SWMPs.

The new stormwater paradigm presents many questions to local governments in the LRGV. What is a stormwater management program, what will it cost, who will fund the program, is it needed, and how much will it cost? The LTSTF realizes a regional program is a key part of a successful regional storm water program. But regulators and academia do not have a firm grasp of the costs associated with developing and implementing such a program. Although the average citizen often takes for granted the services municipalities provide, the stormwater services are nonetheless expected. The region now requires that local governments provide a stormwater runoff pollution protection service. This new paradigm requires the development of infrastructure and funding strategies to support providing this service.

1.5 PHASE II MS4 PROGRAM

In August of 2007, the TCEQ finally published the Phase II MS4 regulations after a legal challenge of the rules by several environmental groups was ruled in favor of the EPA in 2005. The legal battle delayed the issuance of permits from 2003 to 2008. The TCEQ MS4 general permit is designated as TXR040000. On August 13, 2007 the TCEQ issued the first-round general permit for small MS4s, Permit No. TXR040000, which expired on August 12, 2012. Regulated MS4 operators submitted notices of intent (NOI) along with developed SWMPs by February 11, 2008. The TCEQ administratively continued the first-round general permit passed its expiration date of August 12, 2012.

On January 24, 2019 the TCEQ issued their new second round general permit for small MS4s. On January 24, 2019 the TCEQ issued their new third round general permit for small MS4s. A copy of the new permit is provided in Appendix A. In summary, the third-round permit requires that regulated MS4s comply with a number of administrative and legal requirements and to update, implement, and enforce a SWMP designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable to protect water quality.

1.6 REGIONAL SWMP

The LTSTF is jointly submitting this Storm Water Management Program. The LTSTF membership and their respective MS4 level and Permit number is depicted in Table 2-0.

Stormwater Quality is now a regional responsibility. This is not the first-time local governments have been confronted with environmental water quality regulations that affect the manner that cities allocate funds. TMDL regulations recently started developing new performance measures for local governments, and LRGV communities have become very familiar with the Arroyo Colorado TMDL studies. Based on these studies, the drafters of the ACWPP, which included members of the Task Force and TAMUK, concluded that urban stormwater runoff is contributing to the impairment of the Arroyo Colorado. Thus, the timing of the formation of the Task Force could not have been better. Local governments typically tend to procrastinate when it comes to addressing non-mandated environmental issues, usually because of lack of resources and lack of expertise and understanding rather than due to a non-proactive attitude. Still, finding funds to implement a regional SWMP program is a huge responsibility for any local government. Cost effectiveness and revenue potential were major considerations for our local governments when developing this Task Force.

Local governments are no strangers to the concept of regionalization and sharing the costs to comply with environmental mandates was received favorably. During LTSTF meetings it was evident that the primary role of local governments in TPDES stormwater management is to address local problems and needs, and at the same time comply with state and federal regulations in the most cost-effective manner. Creating a regional task force responsible for assisting cities with TPDES storm water management was viewed as a proactive idea because the collaboration promotes cooperation and dissemination of ideas. Moreover, a regional entity, with a facilitator like RATES/RGV, can objectively address the cause of a stormwater concern rather than just the symptoms of the problem, which often happens in the regions like the LRGV where political boundaries drive decision-making and funding allocation.

Regionalization also means that developers, engineers, and others will be less likely to violate stormwater-related policies if they know that a well-managed regional entity, rather than a small municipality, is responsible for the programs. Moreover, regionalization minimizes varying interpretations of the regulations and thus provides for consistent policies from MS4 to MS4. LRGV MS4s recognize that TPDES stormwater management must become a top priority, but they demand innovative and cost-effective programs. The LTSTF realizes that an innovative funding approach for stormwater management will save money.

1.7 MS4 LEVELS

The January 24, 2019 permit imposes compliance obligations on small MS4s based on the population inside the 2010 urbanized area and served by the small MS4. A four-level system is defined in Part II.B.5 of the permit, which states:

- **Level I:** Operators of traditional small MS4s that serve a population of less than 10,000 within an urbanized area;

- **Level 2:** Operators of traditional small MS4s that serve a population of at least 10,000 but less than 40,000 within an urbanized area. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of population served within the urbanized area, unless the nontraditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served;
- **Level 3:** Operators of traditional small MS4s that serve a population of at least 40,000 but less than 100,00 within an urbanized area;
- **Level 4:** Operators of traditional small MS4s that serve a population of 100,000 or more within an urbanized area.

A Level 1 SWMP must address five areas, called Minimum Control Measures (MCM), as follows:

- Public Education, Outreach, and Involvement;
- Illicit Discharge Detection and Elimination;
- Construction Storm Water Runoff Control;
- Post-Construction Storm Water Management in New Development and Redevelopment; and,
- Pollution Prevention/Good Housekeeping for Municipal Operations.

A Level 2 SWMP must address the five MCMs, but must include additional BMPs, as follows:

- Public Education, Outreach, and Involvement;
- Illicit Discharge Detection and Elimination;
 - procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4
- Construction Storm Water Runoff Control;
- Post-Construction Storm Water Management in New Development and Redevelopment; and,
- Pollution Prevention/Good Housekeeping for Municipal Operations.

A Level 2 non-traditional SWMP must address the five MCMs, but must include additional BMPs, as follows:

- Public Education, Outreach, and Involvement;
- Illicit Discharge Detection and Elimination;
 - procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4
 - if illicit connections or illicit discharges are observed related to another operator's MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then the permittee shall notify the appropriate TCEQ regional office of the possible illicit connection;
- Construction Storm Water Runoff Control;
- Post-Construction Storm Water Management in New Development and Redevelopment; and,
- Pollution Prevention/Good Housekeeping for Municipal Operations.

A Level 3 SWMP must address the five MCMs, but must include additional BMPs, as follows:

- Public Education, Outreach, and Involvement;
- Illicit Discharge Detection and Elimination;
 - procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4
 - Construction Storm Water Runoff Control;
 - source investigation and elimination;
- Construction Storm Water Runoff Control;
 - Construction Site inventory;
- Post-Construction Storm Water Management in New Development and Redevelopment; and,
- Pollution Prevention/Good Housekeeping for Municipal Operations;
 - Storm sewer system O&M;
 - O&M program to reduce pollutants from roads;
 - Mapping;
 - Facility assessment;
 - Facility SOPs;
 - Stormwater controls for high priority facilities;
 - inspections.

A Level 4 SWMP must address the five MCMs, plus an additional MCM (Industrial Stormwater Sources), and must include additional BMPs, as follows:

- Public Education, Outreach, and Involvement;
- Illicit Discharge Detection and Elimination;
 - procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4
 - Construction Storm Water Runoff Control;
 - procedures for identifying priority areas within the small MS4 likely to have illicit discharges, and a list of all such areas identified in the small MS4;
 - field screening to detect illicit discharges;
 - source investigation and elimination;
 - Identification of Priority Areas;
 - Dry Weather Field Screening;
- Construction Storm Water Runoff Control;
 - Construction Site inventory;
- Post-Construction Storm Water Management in New Development and Redevelopment;
 - Inspections; and,
- Pollution Prevention/Good Housekeeping for Municipal Operations;
 - Storm sewer system O&M;
 - O&M program to reduce pollutants from roads;
 - Mapping;
 - Facility assessment;
 - Facility SOPs;
 - Stormwater controls for high priority facilities;
 - inspections.
- Industrial Stormwater Sources

Table 2-0 LOWER RIO GRANDE VALLEY TPDES STORMWATER TASK FORCE			
MS4	Permit No.	2010 Population	MS4 LEVEL
Alamo	TXR040289	18,353	2
Alton	TXR040162	12,341	2
Brownsville	TXR040264	175,023	4
Cameron County	TXR040051	N/A	2
Cameron County Drainage District #1	TXR040236	N/A	2
Donna	TXR040165	15,798	2
Edcouch	TXR040627	3,161	1
Edinburg	TXR040323	77,100	3
Elsa	TXR040416	5,660	1
La Feria	TXR040286	7,302	1
La Joya	TXR040288	3,985	1
La Villa	TXR040404	2,664	1
Los Fresnos	TXR040270	5,542	1
Mercedes	TXR040339	15,570	2
Mission	TXR040168	77,058	3
Palmhurst	TXR040333	2,607	1
Palmview	TXR040536	5,460	1
Primera	TXR040002	4,070	1
San Benito	TXR040161	24,250	2
San Juan	TXR040167	33,856	2
Town of Combes	TXR040628	3,019	1
Weslaco	TXR040262	35,670	2

For each MCM the SWMP must:

- Define measurable goals that include the development of ordinances or other regulatory mechanisms, allowed by state, federal and local law, providing the legal authority necessary to implement and enforce the requirements of this permit, including information on any limitations to the legal authority;
- Define a schedule including the months and years in which the permittee will undertake

- required actions, including interim milestones and the frequency of the action;
- Include a summary of written procedures describing how the permittee will implement the SWMP; and,
 - Include a description of a program or a plan of compliance to address discharges to impaired water bodies and Total Maximum Daily Load (TMDL) requirements.

1.8 THE PURPOSE OF THIS DOCUMENT

This document serves as the LTSTF SWMP. It includes all selected BMP's for each of the minimum control measures, measurable goals for each BMP, the evaluation method, an implementation schedule, and a rationale statement. This document provides a clear road map for implementing stormwater quality management activities to improve runoff quality and to maintain permit compliance.

1.9 ORGANIZATION OF THIS DOCUMENT

This document is organized into various sections as follows:

Section 1 – Introduction: This section provides background information on the stormwater regulatory program, defines the purpose of this document, and describes document organization.

Section 2 – MS4 Background: This section provides general information about the MS4, including setting and character, receiving water body conditions, form of government, legal authority, and a rationale statement for the SWMP.

Section 3 – Public Education, Outreach, and Involvement: This section describes the permit requirements, current BMPs, selected new BMP's, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Public Education, Outreach, and Involvement MCM.

Section 4 – Illicit Discharge Detection and Elimination: This section describes the permit requirements, current BMPs, selected new BMP's, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Illicit Discharge Detection and Elimination MCM.

Section 5 – Construction Site Stormwater Runoff Control: This section describes the permit requirements, current BMPs, selected new BMP's, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Construction Site Stormwater Runoff Control MCM.

Section 6 – Post Construction Stormwater Management in New Development and Redevelopment: This section describes the permit requirements, current BMPs, selected new BMP's, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Post Construction Stormwater Management in New Development and Redevelopment MCM.

Section 7 – Pollution Prevention/Good Housekeeping for Municipal Operations: This section describes the permit requirements, current BMPs, selected new BMP's, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Pollution

Prevention/Good Housekeeping for Municipal Operations MCM.

Section 8 – Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements: This section describes the permit requirements, current BMPs, selected new BMPs, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements.

Section 9 – Legal Authority: This section describes the permit requirements and written procedures pertaining to the Legal Authority Requirements.

Section 10.0 – Illicit Discharge Detection and Elimination-Additional BMPs for MS4 Type II, Type III and Type IV: This section describes the permit requirements, new BMPs, measurable goals, implementation schedule, legal authority, and written procedures pertaining to MCMs 2 for MS4 Type II, Type III, and Type IV.

Section 11.0 – Construction Site Stormwater Runoff Control -Additional BMPs for MS4 Type III and Type IV: This section describes the permit requirements, new BMPs, measurable goals, implementation schedule, legal authority, and written procedures pertaining to MCMs 3 for MS4 Type III and MS4 Type IV.

Section 12.0 – Post Construction Stormwater Management in New Development and Redevelopment - Additional BMPs for MS4 Type III and Type IV: This section describes the permit requirements, new BMPs, measurable goals, implementation schedule, legal authority, and written procedures pertaining to MCMs 4 for MS4 Type III and MS4 Type IV.

Section 13.0 – Pollution Prevention/Good Housekeeping for Municipal Operations -Additional BMPs for MS4 Type III and Type IV: This section describes the permit requirements, new BMPs, measurable goals, implementation schedule, legal authority, and written procedures pertaining to MCMs 5 for MS4 Type III and MS4 Type IV.

Section 14 – Industrial Stormwater Sources: This section describes the permit requirements, current BMPs, selected new BMPs, measurable goals, implementation schedule, legal authority, and written procedures pertaining to the Industrial Stormwater Sources MCM.

Section 15 – Record-Keeping and Reporting: This section describes the annual reporting requirements of the permit.

Section 16 – References: This section provides references used in writing this document.

2.0 MS4 BACKGROUND

2.1 BACKGROUND

This section provides a brief background on each MS4 partnering with this SWMP.

Table 2-1 Lower Rio Grande Valley TPDES Stormwater Task Force Background Information						
MS4 (Name)	Incorporated (year)	Jurisdictional Permit Area* (sq mi.)	Geo Coordinates (Long/Lat)	Mean Elevation (ft)	Storm Sewer (Miles) [†]	Conveyance (Miles) [†]
Alamo	1924	29.5	26°11'6"N /98°7'4"W	98	41.29	18.17
Alton	1979	2.11	26°17'6"N/ 98°18'48"W	161	15	4
Brownsville	1853	146.0	26°1'5"N/ 97°27'13"W	33	355	25
Cameron County	1848	905 [^]	26°10'N/ 97°30'W	60	55.13	43
Cameron County Drainage District #1	1910	450 [^]	25°58'N/ 97°29'W	33	0	45
Donna	1911	5.04	26°10'20"N/ 98°3'42"W	92	8.0	10.0
Edcouch	1928	1.0	26°17'40"N 97°57'48"W	59	6.0	2.0
Edinburg	1919	97.83	26°18'15"N /98°9'50"W	95	19.41	15.5
Elsa	1927	1.5	26°17' 36" N/97°59'35"W	66	15.0	5.0
La Feria	1915	42.05 ^{**}	26°9'47"N/ 97°24'57"W	55	13.03	0
La Joya	1926	2.78	26°14'54"N/98°28'30"W	174	10	6
City of La Villa	1925	0.3	26°17'55"N/97°55'43" W	58	<1.0	0
Los Fresnos	1924	23	26°4'30"N/97°28'50"W	23	2.23	4.99
Mercedes	1909	6	26°08'59"N/97°55'49"W/	69	12.2	3.2
Mission	1908	77.27	26°12'44"N/98°18'46"W	141	147.2	54.4
Palmhurst	1966	3	26°15'30"N/98°18'27W/	161	3.5	4
Palmview	1972	10.3	26°14'13"N/98°22'25"W	145	0	5
Primera	1955	8.41	26°13'42"N/97°45'28"W	42	10.33	8.55
San Benito	1911	54.49	26°7'57"N/97°37'51"W	32	30	10
San Juan	1910	13.12	26°12'N/ 98°9'12"W	105	52	15
Town of Combes	1955	3.1	26° 14' 55.3"N/97° 44' 2"	40	<1.0	0
Weslaco	1919	59.03	26°9'54"N/97°59'24"W	80	28.46	40.15

*City limits and Urban ETJ **City limits, urban and rural ETJ ^Non-traditional MS4: Jurisdictional area only †estimates

2.2 IMPAIRED RECEIVING WATERBODIES WITH AND WITHOUT TOTAL MAXIMUM DAILY LOADS

Section 303(d) of the CWA directs states to identify and prioritize waters which do not meet water quality standards – called “impaired” – and for which a total maximum daily load (“TMDL”) must be developed. A TMDL is the total amount of a pollutant that can be discharged to a water body without causing the water body to be impaired. The State of Texas and its Clean Rivers Program partners, including the Arroyo Colorado Watershed Partnership (ACWP), routinely monitor receiving water quality and assess receiving water conditions. This information is used to determine which waters do not meet water quality standards. LRGV receiving waters can be categorized into three groups, as follows:

- **Waters Meeting Standards:** These are waters that are meeting surface water quality standards and that do not appear on the Section 303(d) list. The MS4 operator is only required to implement TXR040000 provisions other than Part II.D.4 in these watersheds.
- **Impaired Waters without an EPA Approved TMDL:** These are waters that are not meeting surface water quality standards, do appear on the Section 303(d) list, but do not yet have an EPA approved TMDL (See Table 2-2). The MS4 operator is required to implement TXR040000 provisions including Part II.D.4.b. but not including Part II.D.4.a.

- **Impaired Waters with an EPA Approved TMDL:** These are waters that are not meeting surface water quality standards, do appear on the Section 303(d) list, and do have an EPA approved TMDL (See Table 2-3). The MS4 operator is required to implement TXR040000 provisions including Part II.D.4.a. but not including Part II.D.4.b.

Table 2-2		
List of Waters Meeting Standards		
Receive Storm Water Discharges Directly from the MS4 (TCEQ, 2013b)		
Nam	Segment ID	303(d) Impairment
None Listed		

Table 2-3			
List of Impaired Waters without an EPA Approved TMDL that			
Receive Stormwater Discharges Directly from the MS4 (TCEQ, 2013b)			
Name	Seg. ID	303(d) Impairment Parameter	Category
Arroyo Colorado	2201	PCBs in edible tissue	5a
Arroyo Colorado	2201	Bacteria, DO, Mercury & DDE in edible tissue	5c
Arroyo Colorado	2202	PCBs in edible tissue	5a
Arroyo Colorado	2202	Bacteria	5b
Arroyo Colorado	2202	Mercury in edible tissue	5c
Rio Grande Below Falcon Reservoir	2302	Bacteria	5c
Laguna Madre	2491	DO	5b
Laguna Madre	2491	Bacteria	5c
Laguna Madre (Oyster Waters)	2491OW	Bacteria	5a
Brownsville Ship Channel	2494	Bacteria	5b

5a – TMDL required; 5b- Being Addressed by EPA TMDL; 5c - Being addressed by other action other than TMDL

*Table 2-4			
List of Impaired Watersheds with an EPA Approved TMDL that Receive Stormwater Discharges			
from the MS4 Directly or Indirectly Through Another MS4 (TCEQ, 2014)			
Name	Seg. ID	303(d) Impairment Parameter	Category
Arroyo Colorado	2202	DDE in edible tissue (legacy pollutant)	4a

*The SWMP will not be subject to Part II.D.4.a, due to type of impairment. 4a – State developed TMDL

Table 2-5				
Lower Rio Grande Valley TPDES Stormwater Task Force				
Receiving Waters associated with the MS4s				
<i>MS4 (Name)</i>	Rio Grande River*	Arroyo Colorado*	Lower Laguna Madre*	Brownsville Ship Channel*
Alamo		X	X	
Alton		X	X	
Brownsville	X	X	X	X
Cameron County	X	X	X	X
Cameron County Drainage District #1		X	X	X
Donna		X	X	
Edcouch			X	
Edinburg		X	X	
Elsa			X	
La Feria		X	X	
La Joya	X	X	X	
La Villa			X	
Los Fresnos		X	X	X
Mercedes		X	X	
Mission		X	X	
Palmhurst		X	X	
Palmview		X	X	
Primera		X	X	
San Benito		X	X	
San Juan		X	X	
Town of Combes		X	X	
Weslaco		X	X	

*impaired

2.3 FORM OF GOVERNMENT AND LEGAL AUTHORITY

Mayor-Council - Characteristics include:

- Mayor is elected separately from the council, is often full-time and paid, with significant administrative and budgetary authority
- Depending on the municipal charter, the mayor could have weak or strong powers
- Council is elected and maintains legislative powers
- Some cities appoint a professional manager who maintains limited administrative authority

Special District – Characteristics include:

- It's a unit of local government created by the state for a specific function
- Multi-purpose

County – Characteristics include:

- Governing body is commissioners court, which consists of county judge and four commissioners
- County judge is elected at-large, while commissioners are elected from precincts
- Each serves a four-year term

Table 2-6 LOWER RIO GRANDE VALLEY TPDES STORMWATER TASK FORCE		
MS4	Form of Government	Legal Authority
Alamo	M	H
Alton	M	H
Brownsville	M	H
Cameron County	C	I
Cameron County Drainage District #1	S	I
Donna	M	H
Edcouch	M	A
Edinburg	M	H
Elsa	M	H
La Feria	M	H
La Joya	M	H
La Villa	M	H
Los Fresnos	M	H
Mercedes	M	H
Mission	M	H
Palmhurst	M	H
Palmview	M	H
Primera	M	B
San Benito	M	H
San Juan	M	H
Town of Combes	M	A
Weslaco	M	H

A – General Law A B- General Law B H – Home Rule I – interlocal agreement
M – Mayor-Council C – County S – Special District

A municipality is a Type A general-law municipality if it:

- (1) has incorporated as a Type A general-law municipality under Subchapter A of Chapter 6 and has not acted to change to another type of municipality;
- (2) has changed to a Type A general-law municipality under Subchapter B of Chapter 6 and has not acted to change to another type of municipality; or
- (3) operated, immediately preceding September 1, 1987, under Chapters 1-10, Title 28, Revised Statutes, and has not acted to change to another type of municipality.

A municipality is a Type B general-law municipality if it:

- (1) has incorporated as a Type B general-law municipality under Chapter 7 and has not acted to change to another type of municipality; or
- (2) operated, immediately preceding September 1, 1987, under Chapter 11, Title 28, Revised Statutes, and has not acted to change to another type of municipality.

A home rule municipality operates under a municipal charter that has been adopted or amended as authorized by Article XI, Section 5, of the Texas Constitution.

The governing body of a municipality, county or special district may adopt, publish, amend, or repeal an ordinance, order, rule, policy and/or regulations that:

1. is for the good government, peace, or order of the municipality or for the trade and commerce of the municipality; and
2. is necessary or proper for carrying out a power granted by law to the local government or to an office or department of the local government.
3. adopt an ordinance, act, law, or regulation, not inconsistent with state law, that is necessary for the government, interest, welfare, or good order of the municipality as a body politic.
4. sue and be sued, implead and be impleaded, and answer and be answered in any matter in any court or other place.
5. contract with other persons.
6. take, hold, purchase, lease, grant, or convey property located in or outside the local government, and the governing body of the local government may manage and control the property belonging to the local government.

After obtaining coverage under TXR040000 the LTSTF members updated their respective ordinances. In summary, the MS4 stormwater ordinances define the enforcement authority, prohibitions, right of entry, and enforcement procedures necessary to implement the MS4's Illicit Discharge Detection Elimination Program, the Construction Site Program, and the Post-Construction Program. The LTSTF has added a BMP that will assess and evaluate the active status of the TPDES-stormwater related ordinances.

Each LTSTF member has the authority to

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

Municipalities can assess penalties, including monetary, civil, or criminal penalties. County and special districts are limited in their enforcement authority. According to Part III of the

General Permit, a non-traditional MS4 may enter into interlocal agreements with municipalities in order to meet the goals of the permit if the MS4 does not have enforcement authority and is unable to meet the goals of the general permit through its own powers. Cameron County and Cameron County Drainage District #1 will execute interlocal agreements with neighboring MS4s to meet this requirement.

2.4 RATIONALE STATEMENT FOR SWMP

During the development of this SWMP, the LTSTF considered BMP's that would: protect water quality, comply with TPDES Permit No. 040000, and ensure program costs that would not create undue hardship on MS4 residents and businesses. Established stormwater programs for the MS4 operators were reviewed and evaluated. A variety of BMP's for each minimum control measure was considered and compared. BMP's were ultimately selected based on an evaluation of overall effectiveness, affordability, and suitability to MS4 community.

The SWMP has been developed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP). The MS4 has sought to meet the MEP standard by utilizing existing and new programs or BMP's to fulfill the requirements of this general permit. The program will allow continual adjustment and refinement through MS4 implementation experience and feedback from all sectors of the residential and business community.

Section 3.0 through Section 14.0 describe the SWMP and the Best Management Practices (BMPs) selected to comply with the TPDES program's six (6) Minimum Control Measures (MCMs). Sections 3.0 to 9.0 apply to all MS4 types (I-IV). Sections 10.0 to 14.0 apply to MS4s Type II, III and/or IV. Section 3.0 through Section 7.0 discuss the existing Stormwater programs and include additional activities added to comply with the new TPDES permit requirements.

The SWMP has been revised to comply with the EPA Remand Rule. The BMPs identified in the SWMP will be categorized as individual BMPs or regional BMPs where appropriate. Individual BMPs will be performed by the individual members of the LTSTF. Regional BMPs will be facilitated by the LTSTF and RATES/RGV and will adhere to the watershed-based theme of the SWMP. For example, each LTSTF member will manage its own website to its MEP. The LTSTF annual conference will be a regional BMP. Of note, the LTSTF will maintain a website that can be used by the LTSTF individual members if circumstances require this resource.

The SWMP is organized in the following format:

Section 3.0 - Public Education, Outreach, and Involvement

Section 4.0 - Illicit Discharge Detection and Elimination (IDDE)

Section 5.0 - Construction Site Stormwater Runoff Control

Section 6.0 - Post-Construction Stormwater Management in New Development and Redevelopment

Section 7.0 - Pollution Prevention and Good Housekeeping for Municipal Operations

Section 8.0 - Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

Section 9.0 - Legal Authority

Section 10.0 – Illicit Discharge Detection and Elimination-Additional BMPS for MS4 Type II,

Type III and Type IV.

Section 11.0 – Construction Site Stormwater Runoff Control -Additional BMPs for MS4 Type III & Type IV:

Section 12.0 – Post Construction Stormwater Management in New Development and Redevelopment - Additional BMPs for MS4 Type III and Type IV.

Section 13.0 – Pollution Prevention/Good Housekeeping for Municipal Operations -Additional BMPs for MS4 Type III and Type IV.

Section 14.0 – Industrial Stormwater Sources (MS4 Type IV only)

The MS4 SWMP has been developed to meet the following regulatory requirements from the TCEQ TPDES General Permit TXR40000:

To the extent allowable under state and local law, a SWMP must be developed, implemented, and enforced according to the requirements of Part III of this general permit for stormwater discharges that reach waters of the U.S., regardless of whether the discharge is conveyed through a separately operated storm sewer system. The SWMP must be developed, implemented, and enforced to reduce the discharge of pollutants from the small MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the CWA and the TWC.

The SWMP must also be implemented and enforced in new MS4 areas added during the permit term. Implementation of appropriate BMPs for the new areas must occur in accordance with Part II.E.7.

A permittee that implements BMPs consistent with the provisions of their permit and SWMP constitutes compliance with the standard of reducing pollutants to the MEP and will be deemed in compliance with Part III of this permit. This permit does not extend any compliance deadlines set forth in the previous permit effective January 24, 2019.

The implementation schedule for this SWMP is as follows:

Year 1: January 2019 – January 2020

Year 2: January 2020 – January 2021

Year 3: January 2021 – January 2022

Year 4: January 2022 – January 2023

Year 5: January 2023 – January 2024

3.0 PUBLIC EDUCATION, OUTREACH, AND INVOLVEMENT

The following section presents the permit requirement for the Public Education, Outreach, and Involvement Program. The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and a timeline (or frequency) for each implementation action. Each of these sections includes a brief discussion of current programs, a description of the BMPs selected for each MCM, a proposed implementation schedule for each BMP, and performance measures for the programs.

3.1 Public Education, Outreach, and Involvement Permit Text

The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #1):

1. Public Education, Outreach, and Involvement

(a) Public Education and Outreach

(1) All permittees shall develop, implement, and maintain a comprehensive stormwater education and outreach program to educate public employees, businesses, and the general public of hazards associated with the illegal discharges and improper disposal of waste and about the impact that stormwater discharges can have on local waterways, as well as the steps that the public can take to reduce pollutants in stormwater.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. The program must, at a minimum:

- a. Define the goals and objectives of the program based on high priority community-wide issues (for example, reduction of nitrogen in discharges from the small MS4, promoting previous techniques used in the small MS4, or improving the quality of discharges to the Edwards Aquifer);**
- b. Identify the target audience(s);**
- c. Develop or utilize appropriate educational materials, such as printed materials, billboard and mass transit advertisements, signage at select locations, radio advertisements, television advertisements, and websites;**
- d. Determine cost effective and practical methods and procedures for distribution of materials.**

(2) Throughout the permit term, all permittees shall make the educational materials available to convey the program's message to the target audience(s) at least annually.

(3) If the permittee has a public website, the permittee shall post its SWMP and the annual reports required under Part IV.B.2. or a summary of the annual report on the permittee's website. The SWMP must be posted no later than 30 days after the approval date, and the annual report no later than 30 days after the due date.

(4) All permittees shall annually review and update the SWMP and MCM implementation procedures required by Part III.A.2., as necessary. Any changes must be reflected in the annual report. Such written procedures must be maintained, either on site or in the SWMP and made available for inspection by the TCEQ.

(5) MS4 operators may partner with other MS4 operators to maximize the program and cost effectiveness of the required outreach.

(b) Public Involvement

All permittees shall involve the public, and, at minimum, comply with any state and local public notice requirements in the planning and implementation activities related to developing and implementing the SWMP, except that correctional facilities are not required to implement this portion of the MCM.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. At a minimum, all permittees shall:

- (1) Consider using public input (for example, the opportunity for public comment, or public meetings) in the implementation of the program;
- (2) Create opportunities for citizens to participate in the implementation of control measures, such as stream clean-ups, storm drain stenciling, volunteer monitoring, volunteer “Adopt-A-Highway” programs, and educational activities;
- (3) Ensure the public can easily find information about the SWMP.

3.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 1.

Table 3-0: Public Education, Outreach, and Involvement BMPs

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP Category		
		1	2	3	4	5	I	R	N/A
3.2.0	Assess Public Education, Outreach and Involvement program	X	X	X	X	X			X
3.2.1	Utility Bill Insert, self-service materials and/or mailouts	X	X	X	X	X	X		
3.2.2	Web Site	X	X	X	X	X	X		
3.2.3	Classroom Presentations	X	X	X	X	X		X	
3.2.4	Stenciling	X	X	X	X	X	X		
3.2.5	Videos	X	X	X	X	X		X	
3.2.6	Signage	X	X	X	X	X		X	
3.2.7	Community outreach	X	X	X	X	X	X		
3.2.8	Education	X	X	X	X	X	X		
3.2.9	Public Meetings	X	X	X	X	X	X		
3.2.10	Advisory Workgroup	X	X	X	X	X		X	
3.2.11	Hotline	X	X	X	X	X	X		

X – notes activity, see Section for details I-Individual R-Regional

3.2.0 Assess Public Education, outreach and involvement program.

Permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. The program must, at a minimum will

define the goals and objectives of the program based on high priority community-wide issues, identify the target audience(s), develop or utilize appropriate educational materials, and determine cost effective and practical methods and procedures.

Table 3-1: Implementation Schedule – Assess Public Education, Outreach and Involvement program.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1*	Develop An internal LTSTF reporting program to assure outreach BMPs are met annually	Complete Activity	By December Year 1
Year 1-5	Assess program.	Complete Activity	Annual
Year 2-5	Update program as needed.	Complete Activity	Annual
Year 2-5	Submit NOC as needed	Complete Activity	As needed

* -new activity

3.2.1 Utility Bill Inserts, self-service materials and/or mailouts

Outreach materials in the forms of small brochures, informative handouts or fact sheets will continue to be distributed with municipal water utility bills and/or mailouts as budget allows. This BMP program will include a self-service area located in a public facility (library, city hall, main office, etc.) where community members, visitors, students, and other individuals can obtain outreach materials like brochures, announcements and factsheets. Information shall include various topics like waste oil disposal, use of pesticides and fertilizers on landscaping, household hazardous waste, water quality, and the SWMP in general. The MS4 will develop this program using existing outreach materials developed by the LTSTF, TCEQ, EPA and other organizations.

Table 3-2: Implementation Schedule – Utility Bill Inserts, self-service materials and/or mailouts

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5*	Conduct a delivery of outreach material	Record date and type of outreach material delivered; record quantity delivered	Once a year
Year 2-5*	Establish self service center; provide outreach material; vary the topic	Record date and type of outreach material delivered; record quantity printed	Once a year
Year 1-5	Acquire outreach materials	Record type of material obtained; note reference	Ongoing, annual
Year 2-5	Assess BMP annually	Identify and determine annual budget	Annual

* -new activity

3.2.2 Web Site

Background and other information on the SWMP, including the MCMs along with specific information promoting the stormwater education program and other general information can be found at websites listed in Table 3-3 and on <http://rgvstormwater.org>. These web sites are updated regularly.

The objective of this BMP is to continue to provide real time SWMP information to the public,

including data, updates, policy and public hearing schedules via a website. The website BMP will continue providing outreach materials, training schedules, downloadable information and an email address for feedback from the public. The websites will specifically target the TPDES Phase II program. The website will be expanded to include a website visitor counter. The feasibility of providing a feedback blog will be assessed. The SWMP and annual reports will be posted on the websites.

Table 3-3 LOWER RIO GRANDE VALLEY TPDES STORMWATER TASK FORCE	
MS4	Website Address
Alamo	www.alamotexas.org/
Alton	www.alton-tx.gov/
Brownsville	http://www.cob.us/
Cameron County	www.co.cameron.tx.us/
Cameron County Drainage District #1	https://www.ccdd1.org/
Donna	www.cityofdonna.org/
Edcouch	https://www.edcouchtx.us/
Edinburg	www.cityofedinburg.com/
Elsa	http://www.cityofelsa.net/
La Feria	www.cityoflaferia.com/
La Joya	www.cityoflajoya.com/
La Villa	http://www.cityoflavilla.org/
Los Fresnos	https://www.cityoflosfresnos.com/
Mercedes	www.cityofmercedes.com/
Mission	www.missiontexas.us/
Palmhurst	www.cityofpalmhursttx.com/
Palmview	www.cityofpalmview.com/
Primera	www.cityofprimera.com/
San Benito	www.cityofsanbenito.com/
San Juan	www.cityofsanjuantexas.com/
Town of Combes	http://www.townofcombes.com/
Weslaco	www.weslacotx.gov/

Table 3-4: Implementation Schedule – Web Site

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1*	Assure all individual websites are operating	Operational link	December Year 1
Year 1-5*	Develop Username and Password Program for each LTSTF member to assist with Outreach Program	Operational link	December Year 2
Year 1-5	Assess the BMP	Record date and type of update	Semi-Annually
Year 2-5	Review visits to the website.	Record visitors	Annually
Year 1-5	Update website regularly.	Tally and evaluate visits, feedback	Once a month

* -new activity

3.2.3 Classroom Presentations

A curriculum with associated materials and training is available and advertised to classroom teachers from various ISDs located within jurisdictions of MS4 stakeholders. Program materials include curriculum on water quality and water conservation, stormwater pollution prevention, and promotion of the SWMP. Classroom visits are conducted by the MS4 that include guest speakers.

The MS4 will also promote watershed protection plan projects active in the region and work with the TCEQ NPS Program to promote mutually beneficial goals. A watershed model and a water and wastewater model developed by the LTSTF are available to the MS4s and the school districts. The BMP will be expanded to include production of a monthly report that will include school visits, activity conducted and number of individuals outreached.

Table 3-5: Implementation Schedule – Classroom Presentations

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5*	Conduct school room visits at each MS4 jurisdiction	Record date and type of outreach conducted. Record number of individuals outreached. At least 4 ISDs will be engaged annually	Ongoing, twice a year (Fall and Spring semesters)
Year 2-5	Evaluate BMP	Report to include data	Semi-annual

* -new activity

3.2.4 Stenciling

A successful storm drain stenciling program was initiated by the LTSTF during the last permit period. Using grant funding and local funding local government staff provided stormwater education programs and facilitated storm drain stenciling activities with youth and citizens’ organizations, and as part of their stormwater management program. The LTSTF will continue to facilitate the development of partnerships with local youth service groups to perform a significant portion of the storm drain stenciling work as needed. These groups may include the Boys & Girls Clubs, Boy Scouts of America, and local environmental groups. The stencil will include the logo of the LTSTF and/or the MS4.

Table 3-6: Implementation Schedule – Stenciling

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Record amount of stencils (retrofitted/replaced, new installs, etc.)	Record information. Achieve 100% by Year 5	Ongoing, Year 5
Year 2-5	Develop, implement inspection program	Tally stenciling replacement and new installations	Annual
Year 2-5	Assess the BMP	Tally and evaluate visits, feedback	Annual

3.2.5 Brochures and Videos

The LTSTF has produced various brochures during the previous permit period and successfully delivered to the region. Samples of brochures have routinely been submitted to the TCEQ via

the TCEQ’s auditing program. Topics include soil erosion prevention, rain harvesting, low impact development, and watershed protection topics. Dozens of videos (PSA format) have been developed by the LTSTF and delivered to the region using public access Channels using Time Warner Channel 17 (local school district television), local government networks (Channel 12), websites and You Tube. The PSA program includes customized projects, i.e. documentary and 30-second clips in English and Spanish. The LTSTF will continue this outreach and will expand the effort by developing new customized PSAs during the permit period. Additional brochures will be developed. Similar delivery tools will be utilized. This BMP also has used self-service stations (public-owned facility lobbies), libraries and outreach events to deliver information.

Table 3-7: Brochures and Videos

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Conduct outreach activities (i.e. earth day, etc.) in each MS4’s jurisdiction.	Record date and type of activity.	Ongoing, annual
Year 2-5	Deliver PSA to MS4 jurisdictions	Record type of delivery and date	Annual
Year 1-5	Deliver outreach materials	Record type of delivery and date(s)	Annual
Year 2-5	Assess the BMP	Tally and evaluate visits, feedback	Annual

3.2.6 Signage

Stormwater pollution prevention signs were designed, produced and installed along major intersections within the MS4 membership of the LTSTF. The signs bear the logos from the LTSTF and the MS4. Signage were placed throughout the region at locations where pedestrians and vehicle drivers will recognize the sign as an indicator of a local water body that should be protected, the importance of water quality, and the potential effects of stormwater pollution. Messages were conveyed in English and Spanish. This BMP will continue.

Table 3-8: Signage

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Conduct outreach activities (i.e. earth day, etc.) in each MS4’s jurisdiction using a signage theme (NPS, Recycle, etc.).	Record date and type of activity.	Ongoing, annual
Year 1-5	Deliver outreach materials	Record type of delivery and date(s)	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, feedback	Annual

3.2.7 Community Outreach

The LTSTF has provided educational and outreach materials to the community, including brochures, fact sheets and handouts. These materials are made available at City Halls, and throughout public-owned facilities. Materials are made available to developers, businesses,

and contractors during the planning and permitting processes. The LTST promotes its stormwater pollution prevention outreach program at various annual community events. Booths, brochures, children- friendly materials, and other similar approaches are used. The LTSTF shall consider designating a day or a week for stormwater pollution prevention awareness. The LTSTF has developed partnerships with various regional entities and coordinates an annual conference that promotes the SWMPs of the region and watershed planning. This highly successful conference is held annually at South Padre Island. This BMP will continue to be developed. The LTSTF will also develop an adopt-a-inlet program. The program will be a regional BMP.

Table 3-9: Community Outreach

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Help organize an annual conference in the region.	Record type and date. Archive announcements	Ongoing, annual
Year 1-5	Contribute and participate at various annual events (cleanups, etc.).	Record type and date(s) Archive announcements	Ongoing, annual
Year 1-5	Promote outreach (webinars, workshops, etc.) to businesses, engineers, contractors, developers, and the general public.	Record type and date(s) as appropriate	Ongoing, annual
Year 2-5	Establish partnerships (outreach, training, etc.) with professional organizations (ASCE, TFMA, AIA, TPWA, etc.)	Record events, meetings (dates, activity, etc.)	Annual
Year 1-5	Develop and Implement an Adopt-an - Inlet Program*	Record events, meetings (dates, activity, etc.)	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, feedback	Annual

* -new activity

3.2.8 Education - Watershed Protection Plan

A watershed information curriculum with associated materials and training is available and advertised to the businesses, educational community and the general community. Program materials promote watershed protection. The LTSTF will continue to work closely with the TCEQ to implement this BMP. The impairment of local waterways is of great concern to our region.

Table 3-10: Education - Watersheds

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Participate in workgroup and steering committee meetings*	Record type and date. Archive announcements.	Ongoing
Year 2-5	Contribute and participate at various annual events (cleanups, etc.)	Record type and date(s) Archive announcements	Once a year
Year 2-5	Promote outreach (webinars, workshops, etc.)	Record type and date(s) as appropriate	Annual
Year 2-5	Establish partnerships with non-profits	Record events, meetings (dates, activity, etc.)	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, feedback	Once a year

*-new activity

3.2.9 Public Meetings

Annual public meetings are conducted to provide citizens with the opportunity to discuss various viewpoints and provide input concerning stormwater quality issues. Meetings are publicized in accordance with public notification requirements in each jurisdiction, such as a local newspaper or appropriate publication of wide circulation. Records of the meetings are available. This BMP will be expanded to include an additional public meeting.

Table 3-11: Public Hearings

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-5	Conduct Public Hearing	Record place and date. Archive announcements/agendas	Once a year
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

3.2.10 Advisory Workgroup

This BMP has been modified after general consensus indicated that a regional SWMP requires regional input and feedback. The LTSTF is comprised of several workgroups (i.e. outreach, ordinance, construction, grant, etc.) that provide much needed information to effectively implement and evaluate the coalition’s SWMP. The organization will serve as the advisory workgroup for the MS4 partners.

Table 3-12: Advisory Workgroup

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Conduct meetings	Record place and date. Archive announcements/agendas	Ongoing
Year 2-5	Provide a monthly calendar of events	Archive announcements/agendas.	Monthly
Year 2-5	Continue membership to LTSTF	Execute contractual instruments	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

3.2.11 Hotline

A Stormwater Hotline has been developed and implemented by the majority of the MS4s to promote outreach, enforce policy and to facilitate public involvement. The hotline is used for reporting illicit and illegal connections and discharges, illegal dumping, emergency and non-emergency incidents and other stormwater related activities. The hotline operator provides readily available information and direction for further communication if warranted, direct notifications to the proper authorities, and record feedback, comments and recommendations. Several MS4s do not have the capability to isolate a hotline but use either police or fire dispatch capability during off-hours to promote stormwater policy and related mitigate issues. This BMP will be further assessed.

Table 3-13: Hotline

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Respond to inquiries and mitigate accordingly	Record date and time of complaints. Tally	Ongoing
Year 2-5	Reporting	Develop program that includes pertinent information	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

4.0 ILLICIT DISCHARGE DETECTION ELIMINATION

The following section presents the permit requirement for the Illicit Discharge Detection and Elimination Program. The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and a timeline (or frequency) for each implementation action. Each of these sections includes a brief discussion of current programs, a description of the BMPs selected for each MCM, a proposed implementation schedule for each BMP, and performance measures for the programs.

4.1 PERMIT REQUIREMENTS

The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #2):

2. Illicit Discharge Detection and Elimination (IDDE)

(a) Program Development

(1) All permittees shall develop, implement, and enforce a program to detect, investigate, and eliminate illicit discharges into the small MS4. The program must include a plan to detect and address non-stormwater discharges, including illegal dumping to the MS4 system.

Existing permittees must assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. See also Part III.A.1(c).

The Illicit Discharge Detection and Elimination (IDDE) program must include the following:

- a. An up to date MS4 map (see Part III.B.2.(c)(1));**
- b. Methods for informing and training MS4 field staff (See Part III.B.2.(c)(2));**
- c. Procedures for tracing the source of an illicit discharge (see Part III. B.2.(c)(5));**
- d. Procedures for removing the source of the illicit discharge (see Part III.B.2.(c)(5));**

(2) See Section 10.0.

(3) If another MS4 operator notifies the permittee of an illegal connection or illicit discharge to the small MS4, then the permittee shall follow the requirements specified in Part III.B.2.(c)(3).

(4) All permittees shall annually review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2.. Any changes must be reflected in the annual report. Such written procedures must be maintained, either on site or in the SWMP and made available for inspection by the TCEQ.

(b) Allowable Non-Stormwater Discharges

Non-stormwater flows listed in Part II.C do not need to be considered by the permittee as an illicit discharge requiring elimination unless the permittee or the TCEQ identifies the flow as a significant source of pollutants to the small MS4.

(c) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.2(c)(1)-(6)

(1) MS4 mapping

All permittees shall maintain an up-to-date MS4 map, which must be located on site and available for review by the TCEQ. The MS4 map must show at a minimum the following information:

- a. The location of all small MS4 outfalls that are operated by the permittee and that discharge into waters of the U.S;
- b. The location and name of all surface waters receiving discharges from the small MS4 outfalls; and
- c. Priority areas identified under Part III.B.2.(e)(1), if applicable.

(2) Education and Training

All permittees shall implement a method for informing or training all the permittee's field staff that may come into contact with or otherwise observe an illicit discharge or illicit connection to the small MS4 as part of their normal job responsibilities. Training program materials and attendance lists must be maintained on site and made available for review by the TCEQ.

(3) Public Reporting of Illicit Discharges and Spills

All permittees shall publicize and facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4. The permittee shall provide a central contact point to receive reports; for example by including a phone number for complaints and spill reporting.

(4) All permittees shall develop and maintain on-site procedures for responding to illicit discharges and spills.

(5) Source Investigation and Elimination

a. **Minimum Investigation Requirements – Upon becoming aware of an illicit discharge, all permittees shall conduct an investigation to identify and locate the source of such illicit discharge as soon as practicable.**

(i) All permittees shall prioritize the investigation of discharges based on their relative risk of pollution. For example, sanitary sewage may be considered a high priority discharge.

(ii) All permittees shall report to the TCEQ immediately upon becoming aware of the occurrence of any illicit flows believed to be an immediate threat to human health or the environment.

(iii) All permittees shall track all investigations and document, at a minimum, the date(s) the illicit discharge was observed; the results of the investigation; any follow-up of the investigation; and the date the investigation was closed.

b. **Identification and Investigation of the Source of the Illicit Discharge –All permittees shall investigate and document the source of illicit discharges where the permittees have jurisdiction to complete such an investigation. If the source of illicit discharge extends outside the permittee's boundary, all permittees shall notify the adjacent permitted MS4 operator or the appropriate TCEQ Regional Office according to Part III.A.3.b.**

c. **Corrective Action to Eliminate Illicit Discharge**

If and when the source of the illicit discharge has been determined, all permittees shall immediately notify the responsible party of the problem and shall require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.

(6) Inspections –The permittee shall conduct inspections, in response to complaints, and shall conduct follow-up inspections to ensure that corrective measures have been implemented by the responsible party.

The permittee shall develop written procedures describing the basis for conducting inspections in response to complaints and conducting follow-up inspections.

4.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 2.

Table 4-0: Illicit Discharge Detection and Elimination (IDDE) BMPs

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP Category		
		1	2	3	4	5	I	R	N/A
4.2.0	Assess existing IDDE program*	X	X	X	X	X			X
4.2.1	Sewer Map	X	X	X	X	X	X		
4.2.2	Illicit Discharge Elimination Ordinance	X	X	X	X	X	X		
4.2.3	Business Education	X	X	X	X	X		X	
4.2.4	Illicit Discharge Inspections	X	X	X	X	X	X		
4.2.5	Business Site Inspections	X	X	X	X	X	X		
4.2.6	Household Hazardous Waste	X	X	X	X	X		X	
4.2.7	Source Investigation and Elimination		X	X	X	X	X		
4.2.8	Hotline	X	X	X	X	X	X		

*X – notes activity, see Section for details I-Individual R-Regional
Revised BMP

4.2.0 Assess existing IDDE program

Permittees will assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. The program will be updated as needed throughout the permit period.

Table 4-1: Implementation Schedule – Assess existing IDDE program.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1*	Develop An internal LTSTF reporting program to assure IDDE BMP requirements are met annually	Complete Activity	By December Year 1
Year 2-5	Assess program.	Complete Activity	Annual
Year 2-5	Update program as needed.	Complete Activity	Annual
Year 2-5	Submit NOC as needed	Complete Activity	As needed

** – new activity*

4.2.1 Sewer Map

The MS4 members of the LTSTF have developed existing storm sewer maps, which show the locations of municipal storm sewer outfalls, the conveyance system as warranted, and the names and locations of state waters that receive discharges from those outfalls, to assure compliance with the TPDES requirements. The MS4s will continue to update the mapping and assess other strategies to improve this task.

Table 4-2: Implementation Schedule – Sewer Map

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Update map and continue to improve mapping process	Record significant updates, date and time	Annual
Year 2-5	Provide trainings, meet annually to discuss mapping procedures	Record trainings and meetings (date, time, etc.)	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

4.2.2 Illicit Discharge Elimination Ordinance

The LTSTF developed a Model Illicit Discharge Elimination Ordinance for various activities to comply with the TPDES requirements. MS4s that did not have existing ordinances in place adopted the Model Ordinance, whole or in part to comply with the TPDES requirements. The existing ordinances will be reviewed to assure that additional legal authority, if needed, is incorporated into the existing language of the ordinances. Allowable and prohibited discharges will be reviewed.

Table 4-3: Implementation Schedule – Illicit Discharge Elimination Ordinance

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1	Evaluate existing ordinances to compare applicability, revise as needed*	Record date and time of audits and/or meetings	Annual
Year 2-5	Enhance outreach program specifically for this BMP. Deliver outreach	Archive outreach materials	Once per year
Year 2-5	Train inspectors and regulated community	Record training events.	Once per year
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

*-revised activity

4.2.3 Business Education

The LTSTF will continue to work together with its various partners to provide stormwater pollution prevention education materials to the commercial sectors identified as potentially significant contributors of pollutants to the MS4, including restaurants and vehicle service facilities. Educational materials will be provided to businesses through the delivery tools defined in the MCM 1 Section. Detailed recordkeeping of activities performed will be maintained. Outreach items will be developed to educate business staff (restaurants, groceries, auto facilities, etc.) to never dump wastes on the ground, and to help individuals understand that the storm drain connects directly to surface water. A stormwater fact sheet will be developed specifically for automotive businesses. Stormwater information will be added to any existing restaurant permitting fact sheets. All of the activities will be conducted in coordination with the activities performed to comply with the MCM #5 requirements so that one educational fact sheet will meet the needs for municipal fleet maintenance operations and vehicle repair and auto body businesses. In addition, the MS4s will obtain and/or develop information on potential stormwater impacts from pressure-washing sidewalks, discarded shopping carts, window washing, concrete activities, and other business-

related activities. A brochure and outreach plan regarding BMPs for the aforementioned activities will be developed.

Table 4-4: Implementation Schedule – Business Education

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-5	City will develop a strategy for providing outreach to businesses that impact the MS4	Record date and time of complaints, tally	Annual
Year 2	Fact sheets, checklists and other materials will be developed	Keep record of types of brochures	Annual
Year 2	A target number of business will be identified	Keep record of meetings and identify types of businesses	Annual
Year 2-5	Perform two workshop presentations to solicit feedback from businesses. Fact sheets and other materials will be distributed	Archive date, time and venue for each event	Semi-annual
Year 3-5	Site Visits will be conducted. 25% of targeted businesses will be contacted each year	Compare actual visits to projections.	Annual
Year 3-5	City will develop a strategy for providing outreach to businesses that impact the MS4s	Keep record of meetings and identify types of businesses	Annual
Year 2-5	Assess BMP	Tally and evaluate events, obtain feedback	Annual

4.2.4 Illicit Discharge Inspections

The LTSTF will continue developing a program to conduct inspections to identify the presence and determine the source of illicit connections and illegal dumping activities. The program will incorporate policy-making, response, inspections, spill response and reporting, auditing and training. The program will include training of building inspectors and other staff. If necessary, the MS4s will entertain privatization of this BMP, in part, or in its entirety.

Table 4-5: Implementation Schedule – Illicit Discharge Inspections

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-3	Develop a comprehensive program to include tracing, removing, investigation, corrective action, and inspection.	Record activities conducted	Annual
Year 2-5	Training	Record training events.	Semi-annually
Year 2-5	Assess BMP	Tally and evaluate events, obtain feedback	Annual

4.2.5 Business Site Inspections

The LTSTF will continue to develop stormwater criteria to be required of all businesses and solicit input from existing businesses regarding feasibility and appropriateness of the new criteria. A Criteria Checklist will be developed for vehicle repair shops, auto body shops, restaurants and other similar businesses. The program will be enhanced to include inspections of major businesses and of businesses that have the potential to adversely impact the MS4. Outreach will be conducted using MCM 1 delivery tools.

Table 4-6: Implementation Schedule – Business Site Inspections

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	City will develop an outreach strategy for businesses that impact the MS4	Record date and time of events. Tally.	Ongoing, annual
Year 2-5	Fact sheets, checklists and other materials will be developed	Record information on delivery.	Annual
Year 2-3	A target number of business types will be identified	Record information	Annual
Year 3-5	City will perform business inspections	Inspect 2 businesses from each target type	Annual
Year 3-5	City will conduct a workshop to solicit feedback from businesses	Record information on delivery.	Semi- annually
Year 3-5	1/3 of targeted businesses will be inspected each year	Record information on delivery.	Annual
Year 2-5	Assess BMP	Tally and evaluate events, obtain feedback	Annual

4.2.6 Household Hazardous Waste

The MS4s will continue to develop a Household Hazardous Waste Outreach Program. This BMP has been incorporated into MCM #1. The LTSTF will seek partnerships with the ISDs and others to possibly expand the program.

Table 4-7: Implementation Schedule – Household Hazardous Waste

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Analyze potential of a comprehensive program	Develop a budget, cost, and feasibility report	Ongoing, annual
Year 2-5	Outreach program	Record announcements and activities	Annual
Year 3-5	Identify data that can be used to develop a good program, including quantity of waste produced, minimization goals, costs, benefits, and waste disposal quantities	Record data identified	Annual
Year 3	Determine target community, number of residents, businesses, etc.	Record data identified	Annual
Year 2-5	Assess	Develop pertinent information	Annual

4.2.7 Source Investigation and Elimination

The MS4s will develop a Source Investigation and Elimination program. The program in response to an illicit discharge will include investigation to identify and locate the source of such illicit discharge as soon as practicable. The program will prioritize risk, provide for reporting as required, and the program shall track all investigations and document, at a minimum, the date(s) the illicit discharge was observed; the results of the investigation; any follow-up of the investigation; and the date the investigation was closed. The program will

allow for notification of illicit discharges outside of its jurisdiction and will provide for corrective action procedures. An inspection program will be developed.

Table 4-8: Implementation Schedule – Source Investigation and Elimination

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Develop Source Investigation and Elimination program	Complete Activity	Annual
Year 3-5	Implement Program	Complete Activity	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

4.2.8 Hotline

A Stormwater Hotline has been developed and implemented by the majority of the MS4s to report illicit and illegal connections and discharges, illegal dumping, emergency and non-emergency incidents and other stormwater related activities. This program will have on-site readily available information and response procedures. The hotline operator provides readily available information and direction for further communication if warranted, direct notifications to the proper authorities, and record feedback, comments and recommendations. Several MS4s do not have the capability to isolate a hotline but use either police or fire dispatch capability during off-hours to promote stormwater policy and related mitigate issues. This BMP will be further assessed.

Table 4-9: Hotline

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Respond to inquiries and mitigate accordingly	Record date and time of complaints, tally	Ongoing, annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

4.3 Allowable Non-Stormwater Discharges

The following non-stormwater 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, or they are otherwise prohibited by the MS4 operator:

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 that do not violate Texas Surface Water Quality Standards;
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 that do not violate Texas Surface Water Quality Standards;
14. Street wash water excluding street sweeper wastewater;
15. Discharges or flows from emergency 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-stormwater discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);
17. Non-stormwater discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) TXR050000 or the TPDES Construction General Permit (CGP) TXR150000;
18. Discharges that are authorized by a TPDES or NPDES permit or that are not required to be permitted; and
19. Other similar occasional incidental non-stormwater discharges such as spray park water, unless the TCEQ develops permits or regulations addressing these discharges.

5.0 CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

The following section presents the permit requirement for the Construction Site Storm Water Runoff Control Program. The section describes the existing and new BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

5.1 PERMIT REQUIREMENTS

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 20119. For additional information, please consult Appendix A which contains a copy of the entire permit.

The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #3):

3. Construction Site Stormwater Runoff Control

(a) Requirements and Control Measures

(1) All permittees shall develop, implement, and enforce a program requiring operators of small and large construction activities, as defined in Part I of this general permit, to select, install, implement, and maintain stormwater control measures that prevent illicit discharges to the MEP. The program must include the development and implementation of an ordinance or other regulatory mechanism, as well as sanctions to ensure compliance to the extent allowable under state, federal, and local law, to require erosion and sediment control.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term.

If TCEQ waives requirements for stormwater discharges associated with small construction from a specific site(s), the permittee is not required to enforce the program to reduce pollutant discharges from such site(s).

(b) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.3(b)(1)-(7)

(1) All permittees shall annually review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be included in the annual report. Such written procedures must be maintained on site or in the SWMP and made available for inspection by the TCEQ.

(2) All permittees shall require that construction site operators implement appropriate erosion and sediment control BMPs. The permittee's construction program must ensure the following minimum requirements are effectively implemented for all small and large construction activities discharging to its small MS4.

a. Erosion and Sediment Controls - Design, install and maintain effective erosion controls and sediment controls to minimize the discharge of pollutants.

b. Soil Stabilization - Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed as soon as practicable, but no more than 14 calendar days after the initiation of soil stabilization measures. In arid, semiarid, and drought-stricken areas, where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed. The permittee shall develop written procedures that describes initiating and completing stabilization measures for construction sites.

c. BMPs – Design, install, implement, and maintain effective BMPs to minimize the discharge of pollutants to the small MS4. At a minimum, such BMPs must be designed, installed, implemented and maintained to:

(i) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters;

(ii) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater; and

(iii) Minimize the discharge of pollutants from spills and leaks.

d. As an alternative to (a) through (c) above, all permittees shall ensure that all small and large construction activities discharging to the small MS4 have developed and implemented a stormwater pollution prevention plan (SWP3) in accordance with the TPDES CGP TXR150000. In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed and described in the written procedure required in item (2)b. above. As an alternative, vegetative stabilization measures may be implemented as soon as practicable.

(3) Prohibited Discharges - The following discharges are prohibited:

a. Wastewater from washout of concrete and wastewater from water well drilling operations, unless managed by an appropriate control;

b. Wastewater from washout and cleanout of stucco, paint, from release oils, and other construction materials;

c. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance; and,

d. Soaps or solvents used in vehicle and equipment washing; and

e. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs.

(4) Construction Plan Review Procedures

To the extent allowable by state, federal, and local law, all permittees shall maintain and implement site plan review procedures that describe which plans will be reviewed as well as when an operator may begin construction. For those permittees without legal authority to enforce site plan reviews, this requirement is limited to those sites operated by the permittee and its contractors and located within the permittee's regulated area. The site plan procedures must meet the following minimum requirements:

a. The site plan review procedures must incorporate consideration of potential water quality impacts.

b. The permittee may not approve any plans unless the plans contain appropriate site-specific construction site control measures that, at a minimum, meet the requirements described in Part III.B.3.(a) or in the TPDES CGP, TXR150000. The permittee may require and accept a plan, such as a SWP3, that has been developed pursuant to the TPDES CGP, TXR150000.

(5) Construction Site Inspections and Enforcement

To the extent allowable by state, federal, and local law, all permittees shall implement procedures for inspecting large and small construction projects. Permittees without legal authority to inspect construction sites shall at a minimum conduct inspection of sites operated by the permittee or its contractors and that are located in the permittee's regulated area.

a. The permittee shall conduct inspections based on the evaluation of factors that are a threat to water quality, such as: soil erosion potential; site slope; project size and type; sensitivity of receiving waterbodies; proximity to receiving waterbodies; non-stormwater discharges; and past record of non-compliance by the operators of the construction site.

b. Inspections must occur during the active construction phase.

(i) All permittees shall develop and implement updated written procedures outlining the inspection and enforcement requirements. These procedures must be maintained on-site or in the SWMP and be made available to TCEQ.

(ii) Inspections of construction sites must, at a minimum:

- 1. Determine whether the site has appropriate coverage under the TPDES CGP, TXR150000. If no coverage exists, notify the permittee of the need for permit coverage;**
- 2. Conduct a site inspection to determine if control measures have been selected, installed, implemented, and maintained according to the small MS4's requirements;**
- 3. Assess compliance with the permittee's ordinances and other regulations; and**
- 4. Provide a written or electronic inspection report.**

c. Based on site inspection findings, all permittees shall take all necessary follow-up actions (for example, follow-up-inspections or enforcement) to ensure compliance with permit requirements and the SWMP. These follow-up and enforcement actions must be tracked and maintained for review by the TCEQ.

For non-traditional small MS4s with no enforcement powers, the permittee shall notify the adjacent MS4 operator with enforcement authority or the appropriate TCEQ Regional Office according to Part III.A.3(b).

(6) Information submitted by the Public

All permittees shall develop, implement, and maintain procedures for receipt and consideration of information submitted by the public.

(7) MS4 Staff Training

All permittees shall ensure that all staff whose primary job duties are related to implementing the construction stormwater program (including permitting, plan review, construction site inspections, and enforcement) are informed or trained to conduct these activities. The training may be conducted by the permittee or by outside trainers.

5.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 3.

Table 5-0: Construction Site Stormwater Controls BMPs

Section	Description of BMP	YEAR SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
5.2.0	Assess existing Construction Site Stormwater Control program*	X	X	X	X	X			X
5.2.1	Erosion Control Ordinance	X	X	X	X	X		X	
5.2.2	Construction Site Plan Review and Oversight	X	X	X	X	X	X		
5.2.3	Site Inspection and Policy Enforcement	X	X	X	X	X	X		
5.2.4	Training for regulated community	X	X	X	X	X		X	
5.2.5	Construction Site Waste Management	X	X	X	X	X	X		
5.2.6	Provide Construction BMP outreach program	X	X	X	X	X		X	

X – notes activity, see Section for details I-Individual R-Regional

** revised BMP*

5.2.0 Assess existing Construction Site Stormwater Control program

Permittees will assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements will be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. The program will be updated as needed throughout the permit period.

Table 5-1: Implementation Schedule –Assess existing Construction Site Stormwater Control program.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1*	Develop An internal LTSTF reporting program to assure Construction BMP requirements are met annually	Complete Activity	By December Year 1
Year 1-5	Assess program	Complete Activity	Annual
Year 2-5	Update program as needed.	Complete Activity	Annual
Year 2-5	Submit NOC as needed	Complete Activity	As needed

** new activity*

5.2.1 Erosion Control Ordinance

The LTSTF developed an Erosion Control Ordinance and/or an Order (non-traditional MS4s) for various activities to comply with the construction control TPDES requirements. The MS4s adopted this ordinance, or a variation of the ordinance, and/or identified an existing similar ordinance to assure compliance with the TPDES rules. The MS4s have the legal authority to develop ordinances and amend as needed. To comply with the new rules this existing BMP will be reviewed to assure language is included to accept input from public, prohibited discharges, and other additional items as stated in the language of MCM #5. The MS4s will continue to work with local partnerships in evaluating and implementing this ordinance. This ordinance includes engineering, construction and post-construction requirements that focus on erosion control. Furthermore, the ordinance regulates construction site stormwater runoff controls that reduce pollutants in stormwater runoff. Moreover, the ordinance stipulates sanctions to ensure compliance, to the extent allowable under Federal, State

or local law. Non-traditional MS4s will adopt interlocal agreements with neighboring MS4s as required under the new rules. The ordinance regulates construction activities that result in land disturbance of greater than or equal to one (1) acre pursuant to the TPDES regulations. Reduction of pollutants in stormwater discharges from construction activity disturbing less than one acre is included in the program if that construction activity is part of a larger common plan of development that would disturb one (1) acre or more. The BMP will be reviewed to comply with the small and large construction site definition, and other elements of the MCM#5. The MS4 legal department or attorney will be required to review the new ordinance language. The ordinance will be evaluated based on historical efforts, TCEQ guidelines and EPA sources.

Table 5-2: Implementation Schedule – Erosion Control Ordinance

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1	Evaluate existing ordinances to compare applicability, revise as needed*	Archive meetings and activities, complete activity	Ongoing, annual
Year 2	Amend ordinances and Orders as needed and adopt. Execute legal authority instruments	Archive meetings and activities, complete activity	Annual
Year 2-5	Develop and deliver outreach program specifically for this BMP. Work with partnerships and regional workgroups.	Report copies of announcements and record delivery tallies of outreach materials	Ongoing
Year 2-5	Assess	Develop pertinent information	Annual

* revised activity

5.2.2 Construction Site Plan Review and Oversight

A construction site stormwater runoff control program was developed and implemented to assure adequate design, implementation, and maintenance of BMPs at construction sites within the MS4s’ service areas to reduce pollutant discharges and protect water quality. The program includes the development and implementation of:

- i. Requirements for construction site operators to implement appropriate erosion and sediment control BMPs;
- ii. Procedures for site plan review during planning and permitting which incorporate consideration of potential water quality impacts;
- iii. Permitting process;
- iv. A policy that defines responsibility for the on-site Stormwater Pollution Prevention Plan (SWP3) pursuant to TPDES regulations;
- v. Enforcement;
- vi. Training;
- vii. Public input, and recordkeeping;

The BMP will be assessed and amended as required to assure compliance with the additional requirements including but not limited to development of inspection reports, public input, to frequency of inspections, to approval process of plans, and delivery of enforcement information.

Table 5-3: Implementation Schedule – Construction Site Plan Review and Oversight

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-5	Review and revamp existing construction plan review process, include review of subdivision model ordinance, amend as needed	Complete Activity	Annual
Year 3-5	Fully implement revised program	Complete Activity	Annual
Year 2-5	Develop and implement outreach program	Record announcements and activities	Annual
Year 3-5	Track MS4 issued TPDES permits	Record data identified	Annual
Year 2-5	Assess	Develop pertinent information	Annual

5.2.3 Site Inspection and Policy Enforcement

The LTSTF construction site stormwater runoff control program has an inspection and enforcement component. The MS4s developed or are developing procedures for site inspection and enforcement of control measures. The MS4s will continue to evaluate in house staff and identify resources to implement and improve this BMP. The MS4s will consider privatization of this BMP.

Table 5-4: Implementation Schedule – Site Inspection and Policy Enforcement

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-5	Review site inspection program, amend as needed.	Complete Activity	Annual
Year 2-5	Continue to develop and improve enforcement policy.	Complete Activity.	Annual
Year 2-5	Bring utility construction, commercial, residential and other building TPDES inspections under one authority and/or develop a Stormwater department.	Complete Activity.	Annual
Year 1-5	Train MS4 staff.	Complete and document activity. Maintain log of attendees.	Annual
Year 3-5	Implement revised inspection program as needed.	Complete Activity.	Annual
Year 2-5	Develop and deliver outreach program.	Record announcements and activities. Tally delivery.	Annual
Year 3-5	Develop archive inspection report process	Record and report data identified.	Annual
Year 2-5	Assess.	Develop pertinent information	Annual

5.2.4 Training for Regulated Community

The LTSTF did not develop a contractor certification program but developed a training program for the TPDES regulated community that included courses, webinars and other events solicited to and attend by contractors, engineers, and other professionals. The LTSTF will continue to develop education requirements, course curricula, continuing education classes, training, and other activities that will

assure competent project managers will oversee TPDES regulated activities within construction sites within the MS4s' permitted areas. The LTSTF will continue to work with partnerships to review certification programs within the State.

Table 5-5: Implementation Schedule – Training for Regulated Community

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Develop partnerships with professional organizations	Archive meetings, presentations and identify groups	Ongoing, annual
Year 2-5	Provide awareness and outreach	Record announcements and activities	Annual
Year 2-5	Provide a continuing education course	Complete and document activity, maintain log of attendees	Semi-annual
Year 3-5	Obtain feedback from regulated community, evaluate program, and update as necessary	Record data identified	Annual
Year 2-5	Assess	Develop pertinent information	Annual

5.2.5 Construction Site Waste Management

The LTSTF developed requirements for construction site operators to control waste such as discarded building materials, refueling, concrete truck washout, chemicals, litter, and sanitary waste at construction site that may cause adverse impacts to water quality.

Table 5-6: Implementation Schedule – Construction Site Waste Management

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Improve existing program	Archive meetings, new program requirements and complete activity	Ongoing, annual
Year 2-5	Outreach program. Implement awareness program	Record announcements and activities	Annual
Year 3	Start inspections.	Record data identified. Provide reports	Ongoing, annual
Year 2-5	Assess	Develop pertinent information	Annual

5.2.6 Provide Construction BMP outreach program

Although the LTSTF did not develop a comprehensive menu of pre-approved BMPs for use within their permitted areas, outreach material describing construction BMPs were developed and delivered as part of the outreach program.

Table 5-7: Implementation Schedule – Provide Construction BMP outreach program

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Develop BMP outreach and awareness program	Complete and document activity	Ongoing, annual
Year 2-5	Use website for outreach	Record announcements and activities	Annual
Year 2-5	Assess.	Develop pertinent information	Annual

6.0 POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

The following section presents the permit requirement for the Post-Construction Storm Water Management in New Development and Redevelopment Program. The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

6.1 PERMIT REQUIREMENTS

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit.

The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #4):

- 4. Post-Construction Stormwater Management in New Development and Redevelopment**
- (a) Post-Construction Stormwater Management Program**
- (1) All permittees shall develop, implement, and enforce a program, to the extent allowable under state, federal, and local law, to control stormwater discharges from new development and redeveloped sites that discharge into the small MS4 that disturb one acre or more, including projects that disturb less than one acre that are part of a larger common plan of development or sale. The program must be established for private and public development sites. The program may utilize an offsite mitigation and payment in lieu of components to address this requirement. Existing permittees shall assess program elements that were described in the previous permit and modify as necessary to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of the permit term.**
- (2) All permittees shall use, to the extent allowable under state, federal, and local law and local development standards, an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects. The permittees shall establish, implement, and enforce a requirement that owners or operators of new development and redeveloped sites design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality. If the construction of permanent structures is not feasible due to space limitations, health and safety concerns, cost effectiveness, or highway construction codes, the permittee may propose an alternative approach to TCEQ. Newly regulated permittees shall have the program element fully implemented by the end of the permit term.**
- (b) Requirements for all Permittees**
- All permittees shall include the requirements described below in Parts III.B.4.(b)(1)-(3)**
- (1) All permittees shall annually review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be**

included in the annual report. Such written procedures must be maintained either on site or in the SWMP and made available for inspection by TCEQ.

(2) All permittees shall document and maintain records of enforcement actions and make them available for review by the TCEQ.

(3) Long-Term Maintenance of Post-Construction Stormwater Control Measures All permittees shall, to the extent allowable under state, federal, and local law, ensure the long-term operation and maintenance of structural stormwater control measures installed through one or both of the following approaches:

a. Maintenance performed by the permittee. See Part III.B.5

b. Maintenance performed by the owner or operator of a new development or redeveloped site under a maintenance plan. The maintenance plan must be filed in the real property records of the county in which the property is located. The permittee shall require the owner or operator of any new development or redeveloped site to develop and implement a maintenance plan addressing maintenance requirements for any structural control measures installed on site. The permittee shall require operation and maintenance performed is documented and retained on site, such as at the offices of the owner or operator and made available for review by the small MS4.

6.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 5.

Table 6-1: Post-Construction Stormwater Management in New Development and Redevelopment BMPs

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP Category		
		1	2	3	4	5	I	R	N/A
6.2.0	Assess Post Construction Program*	X	X	X	X	X			X
6.2.1	Post-Construction Ordinance	X	X	X	X	X	X		
6.2.2	Drainage Design Policy	X	X	X	X	X	X		
6.2.3	BMP Maintenance	X	X	X	X	X	X		
6.2.4	Land Use Plan	X	X	X	X	X	X		

X – notes activity, see Section for details

I-Individual R-Regional

* revised BMP

6.2.0 Assess existing Post Construction Stormwater Management in New Development and Redevelopment Program

Permittees will assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. The program will be updated as needed throughout the permit period.

Table 6-0: Implementation Schedule – Post Construction Stormwater Management in New Development and Redevelopment Program.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1*	Develop An internal LTSTF reporting program to assure Post Construction BMP requirements are met annually	Complete Activity	By December Year 1
Year 1-5	Assess program	Complete Activity	Annual
Year 2-5	Update program as needed	Complete Activity	Annual
Year 2-5	Submit NOC as needed	Complete Activity	As needed

*New activity

6.2.1 Post-Construction Ordinance

The management of stormwater runoff from sites after the construction phase is vital to controlling the impacts of development on urban water quality. The increase in impervious surfaces such as rooftops, roads, parking lots, and sidewalks due to land development can have a detrimental effect on aquatic systems. Increased areas of impervious cover have been associated with stream warming and loss of aquatic biodiversity in urban areas. Runoff from impervious areas can also contain a variety of pollutants that are detrimental to water quality, including sediment, nutrients, road salts, heavy metals, pathogenic bacteria, and petroleum hydrocarbons.

The main goal of the post-construction for existing development is to limit surface runoff volumes and reduce water runoff pollution loadings. The LTSTF developed a Model ordinance during the previous permit period, worked with the MS4s in identifying post construction BMP strategies.

Pursuant to the new rules, the MS4s will expand the post-construction program to include further review the Model Ordinance, expand the activities of the existing ordinance workgroup to include adoption of this ordinance, and develop an outreach program (new activity). Other ideas will be discussed (innovative methods, incentive program, offsite mitigation, etc.) that can be included in an ordinance to improve its ability to control stormwater runoff.

The ordinance will include what nonstructural and structural stormwater practices are allowed within the public and private sector community. The MS4s may also wish to add language regarding on-site stormwater requirements and whether off-site treatment is an option. The MS4s will review examples of existing ordinances including language dealing with each of the issues above. The MS4s will examine each ordinance for the language that is appropriate for the stormwater program (EPA, 2008).

Table 6-2: Implementation Schedule – Post-Construction Ordinance

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1	Evaluate existing ordinances to compare applicability, revise as needed*	Archive meetings and activities, complete activity	Ongoing, annual
Year 3-4	Adopt and enforce ordinance, update as needed	Complete activity	Annual
Year 2-5	Outreach program, implement awareness program	Record announcements and activities	Annual
Year 3	Work with partnerships and regional workgroup	Record data identified, provide reports	Ongoing, annual
Year 2-5	Training	Complete and document activity, maintain log of attendees.	Ongoing, annual
Year 2-5	Assess	Develop pertinent information	Annual

*new activity

6.2.2 Drainage Design Policy

The LTSTF reviewed existing drainage design policies and provided recommendations to the MS4s that included provisions for the implementation of proper erosion and sediment controls, plat recordings, post construction BMPs, housekeeping of BMPs, inspections and enforcement, contractual instruments (public and private sector) and waste management as applicable.

Table 6-3: Implementation Schedule – Drainage Design Policy

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Review previously proposed program and update as needed	Complete and document activity.	Annual
Year 2-5	Update drainage policy and adopt as needed, review	Complete and document activity.	Annual
Year 2-5	Develop BMP outreach and awareness program	Record announcements and activities	Annual
Year 2-5	Use website for outreach	Record announcements and activities	Annual
Year 2-5	Assess	Develop pertinent information	Annual

6.2.3 BMP Maintenance

The LTSTF developed a model program to establish regular and routine inspections and maintenance procedures for structural post construction BMPs. The LTSTF will continue to develop this BMP, to incorporate the new rules. This BMP will assure post construction BMPs are in good working order, aesthetically pleasing, and repaired as soon as possible.

Table 6-4: Implementation Schedule – BMP Maintenance

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review previously proposed program and update as needed	Complete and document activity.	Annual
Year 2-5	Adopt revised program and implement	Complete and document activity.	Annual
Year 2-5	Develop BMP outreach and awareness program	Record announcements and activities. Tally delivery events.	Annual
Year 2-5	Provide training	Record announcements and activities. Tally attendees.	Annual
Year 2-5	Assess	Develop pertinent information	Annual

6.2.4 Land Use

The MS4s will continue to access stormwater management measures of its existing land use policies and zoning requirements. The revised program will include long-term maintenance of post-construction stormwater control measures. Recording (at the County, etc.) of activities as required by the new permit will be included in this program.

Table 6-5: Implementation Schedule – Land Use

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Review previously proposed program and update as needed	Complete and document activity	Annual
Year 2-5	Develop BMP outreach and awareness program	Record announcements and activities, tally delivery events	Annual
Year 2-5	Provide training	Record announcements and activities, tally attendees	Annual
Year 2-5	Assess	Develop pertinent information	Annual

7.0 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

The following section presents the permit requirement for the Pollution Prevention and Good Housekeeping for Municipal Operations Program. The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

7.1 PERMIT REQUIREMENTS

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit. The BMPs listed in this section were selected to meet the following regulatory requirement:

5. Pollution Prevention and Good Housekeeping for Municipal Operations

(a) Program development

All permittees shall develop and implement an operation and maintenance program, including an employee training component that has the ultimate goal of preventing or reducing pollutant runoff from municipal activities and municipally owned areas including but not limited to park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations. Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharges of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. See also Part III.A.1. (c))

(b) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.5.(1)-(6) in the program:

(1) Permittee-owned Facilities and Control Inventory

All permittees shall develop and maintain an inventory of facilities and stormwater controls that it owns and operates within the regulated area of the small MS4. The inventory must include all applicable permit numbers, registration numbers, and authorizations for each facility or controls. The inventory must be available for review by TCEQ and must include, but is not limited, to the following, as applicable:

- a. Composting facilities;
- b. Equipment storage and maintenance facilities;
- c. Fuel storage facilities;
- d. Hazardous waste disposal facilities;
- e. Hazardous waste handling and transfer facilities;
- f. Incinerators;
- g. Landfills;
- h. Materials storage yards;
- i. Pesticide storage facilities;
- j. Buildings, including schools, libraries, police stations, fire stations, and office buildings;
- k. Parking lots;
- l. Golf courses;
- m. Swimming pools;
- n. Public works yards;
- o. Recycling facilities;

- p. Salt storage facilities;
- q. Solid waste handling and transfer facilities;
- r. Street repair and maintenance sites;
- s. Vehicle storage and maintenance yards; and
- t. Structural stormwater controls.

(2) Training and Education

All permittees shall inform or train appropriate employees involved in implementing pollution prevention and good housekeeping practices. All permittees shall maintain a training attendance list for inspection by TCEQ when requested.

(3) Disposal of Waste Material - Waste materials removed from the small MS4 must be disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable.

(4) Contractor Requirements and Oversight

a. Any contractors hired by the permittee to perform maintenance activities on permittee-owned facilities must be contractually required to comply with all of the stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures described in Parts III B.5.(b)(2)-(6).

b. All permittees shall provide oversight of contractor activities to ensure that contractors are using appropriate control measures and SOPs. Oversight procedures must be maintained on-site and made available for inspection by TCEQ.

(5) Municipal Operation and Maintenance Activities

a. **Assessment of permittee-owned operations**

All permittees shall evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater, including but not limited to:

- (i) Road and parking lot maintenance, including such areas as pothole repair, pavement marking, sealing, and re-paving;
- (ii) Bridge maintenance, including such areas as re-chipping, grinding, and saw cutting;
- (iii) Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and
- (iv) Right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation.

b. All permittees shall identify pollutants of concern that could be discharged from the above O&M activities (for example, metals; chlorides; hydrocarbons such as benzene, toluene, ethyl benzene, and xylenes; sediment; and trash).

c. All permittees shall develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the above activities. These pollution prevention measures may include the following examples:

- (i) Replacing materials and chemicals with more environmentally benign materials or methods;
- (ii) Changing operations to minimize the exposure or mobilization of pollutants to prevent them from entering surface waters; and
- (iii) Placing barriers around or conducting runoff away from deicing chemical storage areas to prevent discharge into surface waters.

d. **Inspection of pollution prevention measures** - All pollution prevention measures implemented at permittee-owned facilities must be visually inspected to ensure they are working properly. The permittee shall develop written procedures that describes frequency of inspections and how they will be conducted. A log of inspections must be maintained and made available for review by the TCEQ upon request.

(6) Structural Control Maintenance

If BMPs include structural controls, maintenance of the controls must be performed by the permittee and consistent with maintaining the effectiveness of the BMP. The permittee shall develop written procedures that define the frequency of inspections and how they will be conducted.

7.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 5.

Table 7-0: Pollution Prevention/Good Housekeeping for Municipal Operations BMPs

Section	Description of BMP	YEAR SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
7.2.0	Assess Pollution Prevention/Good Housekeeping for Municipal*	X	X	X	X	X			X
7.2.1	Stormwater Sewer System O&M		X	X	X	X	X		
7.2.2	Street Sweeping		X	X	X	X	X	X	
7.2.3	Employee Training	X	X	X	X	X		X	
7.2.4	SOP program and Pollution Prevention Measures	X	X	X	X	X	X		
7.2.5	Site Visits/Inspections	X	X	X	X	X	X		
7.2.6	Collection and Disposal of Stormwater Waste	X	X	X	X	X	X		

X – notes activity, see Section for details

I-Individual R-Regional

*revised BMP

7.2.0 Assess Pollution Prevention/Good Housekeeping for Municipal Operations program

Permittees will assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements will be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. The program will be updated as needed throughout the permit period.

Table 7-1: Implementation Schedule –Assess existing Pollution Prevention/Good Housekeeping for Municipal Operations program.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1*	Develop An internal LTSTF reporting program to assure Good Housekeeping BMP requirements are met annually	Complete Activity	By December Year 1
Year 1-5	Assess program	Complete Activity	Annual
Year 2-5	Update program as needed.	Complete Activity	Annual
Year 2-5	Submit NOC as needed	Complete Activity	As needed

*New Activity

7.2.1 Stormwater Sewer System Operation & Maintenance (O&M)

The LTSTF developed and implemented a stormwater pollution prevention O&M program to comply with TPDES program requirements. The program incorporated existing routine MS4 O&M activities, hurricane preparedness activities, other activities and additional tasks needed for compliance. The

program targets prevention and/or reduction of stormwater pollution from facilities such as landfills, airports, streets, roads, right-of-ways, alleys, highways, municipal parking lots, maintenance and storage yards, fleet or maintenance shops with outdoor storage areas, caliche, soil, and compost storage locations, recycling centers, disposal areas operated by the permittee, and waste transfer stations. The program regulates activities such as park and open space maintenance, fleet and building maintenance, street maintenance, new construction of municipal facilities, and stormwater system maintenance, as applicable. The program will be modified to include contractor oversight, inspections and recordkeeping.

The MS4s' existing inventories of all potential sources of stormwater pollution will be expanded as required by the new permit. The MS4s' designated departments or staff will contact municipal departments to fill gaps and expand upon information provided by the inventories. Data needed from the inventories may include:

- Source or type of operation
- Location of facility/operation
- Contact information
- Activities conducted on-site
- Proximity to stormwater or surface water
- Potential impact to stormwater or surface water
- Percent of site with impervious surface

The MS4s will use the inventory to prioritize municipal operations based on number of facilities, number of stormwater polluting activities identified, acreage affected, distance to surface water or to conveyance structure and the percent of impervious surface on-site. Municipal operations that will be scrutinized include:

- Vehicle repair or fleet maintenance
- Street and road maintenance, street sweeping (presented as a separate BMP)
- Right of way mowing
- Storm system maintenance and cleaning, including detention facilities, on site detention ponds, and outfalls (presented as a separate BMP)
- Parks maintenance
- Stormwater waste removal and disposal (presented as a separate BMP)
- Golf course maintenance
- Landfill maintenance
- Transfer station and recycling center operations
- Municipal curbside solid waste activities
- Wastewater and water treatment facility operations
- Operation and maintenance of intermediate receiving waterways owned by the permittee
- Operation and maintenance of lift stations

The MS4s will recommend designing a generic Stormwater Pollution Control Plan that may include the elements listed below:

- Employee training plan (presented as a separate BMP)
- Implementation and tracking of BMPs
- Run-off control plans
- Map of facility
- Spill Prevention and Response Plan

- Recordkeeping
- BMP lists, resource sheets, stormwater messages, and other resources
- Tracking of inspections (copies of site visit checklists, follow-up letters, etc.)
- SOPs for pothole repair, pavement marking, sealing, and re-paving;
- Bridge maintenance may include such areas as re-chipping, grinding, and saw cutting;
- Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and
- Right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation.
- identify pollutants of concern that could be discharged from the above O&M activities (for example, metals; chlorides; hydrocarbons such as benzene, toluene, ethyl benzene, and xylenes; sediment; and trash).
- develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the above activities. These pollution prevention measures may include the following examples:
 - Replacing materials and chemicals with more environmentally benign materials or methods;
 - Changing operations to minimize the exposure or mobilization of pollutants to prevent them from entering surface waters; and
 - Placing barriers around or conducting runoff away from deicing chemical storage areas to prevent discharge into surface waters.

A structural control maintenance program will be assessed and evaluated and implemented if warranted and feasible. The plan will provide a central location for copies of required BMPs and resource sheets.

Table 7-2: Implementation Schedule – Stormwater Sewer System O & M

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review, amend and develop revised O&M program	Complete and document activity	Annual
Year 2-5	Implement revised O&M program	Complete and document activity	Annual
Year 2	Review, amend and develop revised inventory and re-prioritize activities	Complete and document activity	Annual
Year 2-5	Based on review, develop mitigation program pursuant to inventory and prioritization process as needed	Complete and document activity	Annual
Year 2-5	Develop internal BMP outreach and awareness program	Record announcements and activities, tally delivery events	Annual
Year 2-5	Assess	Develop pertinent information	Annual

7.2.2 Street Sweeping

The MS4s improved their street sweeping programs by improving scheduling, purchasing new equipment, retrofitting existing equipment and moreover, continue to evaluate their respective street sweeping programs. Several MS4s do not have street sweeping programs (i.e. small MS4s,

non-traditional MS4s), but these MS4s will continue to assess development of programs. Please see Section 13.2.2 for additional activities related to street sweeping as required for Type III and Type IV MS4s.

Table 7-3: Implementation Schedule – Street Sweeping

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review, amend and develop street sweeping program, if applicable*	Complete and document activity	Annual
Year 1-5	Review street sweeping program, if applicable**	Complete and document activity	Annual
Year 2-5	Implement revised program, if applicable*	Complete and document activity	Annual
Year 2-5	Develop internal BMP outreach and awareness program	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Assess	Develop pertinent information	Annual

* MS4s with street sweeping programs **Type I and II MS4s

7.2.3 Employee Training Program

The employee training program’s goal is to prevent or reduce pollutant runoff from municipal operations. The program uses videos, webinars, and similar tools to inform public employees of the impacts associated with illegal discharges and improper disposal of waste from municipal operations.

Table 7-4: Implementation Schedule – Employee Training Program

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review, amend and develop revised training program	Complete and document activity	Annual
Year 2-5	Implement revised program, if applicable	Complete and document activity	Annual
Year 2-5	Develop internal BMP outreach and awareness program	Record announcements and activities, tally delivery events	Annual
Year 2-5	Assess	Develop pertinent information	Annual

7.2.4 SOP program and pollution prevention measures

The LTSTF developed a general standard operation procedure (SOP) manual for municipal operations. The program developed policy, SOPs, and awareness programs that will continue to be evaluated annually. The program will be expanded to include new pollution prevention measures to comply with the new permit and may include the following examples:

- (i) Replacing materials and chemicals with more environmentally benign materials or methods;
- (ii) Changing operations to minimize the exposure or mobilization of pollutants to prevent them from entering surface waters; and

- (iii) Placing barriers around or conducting runoff away from deicing chemical storage areas to prevent discharge into surface waters.

This BMP targets stormwater pollution runoff control for municipal activities or operations. To assist in complying with the new permit requirements, focus group meetings will be conducted to get input from municipal employees. After the focus group meetings, existing BMPs will be modified as necessary, deficiencies will be mitigated, and improvements will be implemented to reflect input received from these groups.

The MS4s will develop internal criteria (i.e. focus groups, checklists, or other tools) to identify priority operations. Information obtained from staff will be used to re-evaluate existing SOPs and BMPs, to develop new SOPs, and/or to revise SOPs. The MS4s outreach and awareness program will be expanded to include fact sheets, pamphlets, videos, webinars and other tools that will be incorporated into this MCM to more effectively manage stormwater runoff from municipal operations.

See Section 13.2.4 for additional BMPs associated with SOPs for Type III and Type IV MS4s.

Table 7-5: Implementation Schedule –SOP program and Pollution Prevention Measures

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review, amend and develop revised SOP program	Complete and document activities	Annual
Year 3	Implement revised program, as improved and if applicable	Complete and document activity	Annual
Year 2	Develop internal outreach and awareness program	Complete and document activity	Annual
Year 3	Implement improved outreach and awareness program	Record announcements and activities, tally delivery events	Semi-annual
Year 2	Assign staff to focus groups	Complete and document activities	Annual
Year 2	Implement focus meetings	Record announcements and activities, tally delivery events.	Semi-annual
Year 2-5	Assess	Develop pertinent information	Annual

7.2.5 Site Visits/Inspections

The MS4s will conduct site visits to include visual inspections of various municipal operations to determine the practicality of the SOPs/BMPs and also to provide staff with a better understanding of operations.

The SOPs/BMPs will be edited based on the site visit experiences. Follow-up letters will be sent to each operation after each visit, noting the practices that were already in place to protect stormwater and the potential stormwater impacts that need to be corrected to achieve effective management. Recordkeeping will be added to this BMP. See Section 13.2.5 and Section 13.2.6 for additional BMPs required by Type III and Type IV MS4s.

Table 7-6: Implementation Schedule – Site Visits/Inspections

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review, amend and develop revised site visit program	Complete and document activity	Annual
Year 2-5	Implement revised program, if applicable, conduct inspections	Record announcements and activities, tally delivery events.	Semi-annual
Year 2-5	Develop and implement recordkeeping process	Record activities	Annual
Year 2-5	Assess	Develop pertinent information	Annual

7.2.6 Collection and Disposal of Stormwater Waste

Dredge spoil, sediment, and floatables collected through the implementation of stormwater sewer system maintenance BMPs will be disposed of properly. Materials collected will be tracked and evaluated.

Table 7-7: Implementation Schedule – Collection and Disposal of Stormwater Waste

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Review, amend and develop revised disposal program, assure program identifies sources	Complete and document activity	Annual
Year 2-5	Implement revised program, if applicable	Complete and document activity	Annual
Year 2-5	Develop and implement recordkeeping process	Record activities	Annual
Year 2	Develop and implement an outreach and awareness program	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Assess	Develop pertinent information	Annual

8.0 IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOADING (TMDL) REQUIREMENTS:

The following section presents the permit requirement for the Impaired Water Bodies and Total Maximum Daily Load (TMDL) requirements. The section describes the BMPs necessary to implement this program. It describes the measurable goals for each BMP and a timeline (or frequency) for each implementation action. Each of these sections includes a brief description of the BMPs selected, a proposed implementation schedule for each BMP, and performance measures for the programs.

8.1 Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements: The BMPs listed in this section were selected to meet the requirements of the new TPDES MS4 permit Part II Section D (4):

4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

Discharges of the pollutant(s) of concern to impaired water bodies for which there is a TCEQ and EPA approved total maximum daily load (TMDL) are not eligible for this general permit unless they are consistent with the approved TMDL. A water body is impaired for purposes of the permit if it has been identified, pursuant to the latest TCEQ and EPA approved CWA §303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d) which lists the category 4 and 5 water bodies, as not meeting Texas Surface Water Quality Standards.

The permittee shall check annually, in conjunction with preparation of the annual report, whether an impaired water within its permitted area has been added to the latest EPA approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d) which lists the category 4 and 5 water bodies. Within two years following the approval date of the new list(s) of impaired waters, the permittee shall comply with the requirements of Part II.D.4.(b) (with the exception of (b)(1)c), and shall identify any newly listed waters in the annual report (consistent with Part IV.B.2.f) and SWMP (consistent with Part III.A.2.f).

The permittee shall control the discharges of pollutant(s) of concern to impaired waters and waters with approved TMDLs as provided in sections (a) and (b) below, and shall assess the progress in controlling those pollutants.

(a) Discharges to Water Quality Impaired Water Bodies with an Approved TMDL

If the small MS4 discharges to an impaired water body with an approved TMDL, where stormwater has the potential to cause or contribute to the impairment, the permittee shall include in the SWMP controls targeting the pollutant(s) of concern along with any additional or modified controls required in the TMDL and this section.

The SWMP and required annual reports must include information on implementing any targeted controls required to reduce the pollutant(s) of concern as described below:

(1) Targeted Controls

The SWMP must include a detailed description of all targeted controls to be implemented, such as identifying areas of focused effort or implementing additional Best Management Practices (BMPs) to reduce the pollutant(s) of concern in the impaired waters.

(2) Measurable Goals

For each targeted control, the SWMP must include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.

(3) Identification of Benchmarks

The SWMP must identify a benchmark for the pollutant(s) of concern. Benchmarks are designed to assist in determining if the BMPs established are effective in addressing the pollutant(s) of concern in stormwater discharge(s) from the MS4 to the maximum extent practicable (MEP). The BMPs addressing the pollutant of concern must be re-evaluated on an annual basis for progress towards the benchmarks and modified as necessary within an adaptive management framework. These benchmarks are not numeric effluent limitations or permit conditions but intended to be guidelines for evaluating progress towards reducing pollutant discharges consistent with the benchmarks. The exceedance of a benchmark is not a permit violation and does not in itself indicate a violation of instream water quality standards.

The benchmark must be determined based on one of the following options:

a. If the MS4 is subject to a TMDL that identifies a Waste Load Allocation(s) (WLA) for permitted MS4 stormwater sources, then the SWMP may identify it as the benchmark. Where an aggregate allocation is used as a benchmark, all affected MS4 operators are jointly responsible for progress in meeting the benchmark and shall (jointly or individually) develop a monitoring/assessment plan as required in Part II.D.4(a)(6).

b. Alternatively, if multiple small MS4s are discharging into the same impaired water body with an approved TMDL, with an aggregate WLA for all permitted stormwater MS4s, then the MS4s may combine or share efforts to determine an alternative sub-benchmark for the pollutant(s) of concern (e.g., bacteria) for their respective MS4. The SWMP must clearly define this alternative approach and must describe how the sub-benchmark would cumulatively support the aggregate WLA. Where an aggregate benchmark has been broken into sub-benchmarks for individual MS4s, each permittee is only responsible for progress in meeting its sub-benchmark.

(4) Annual Report

The annual report must include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark.

(5) Impairment for Bacteria

If the pollutant of concern is bacteria, the permittee shall include focused BMPs addressing the below areas, as applicable, in the SWMP and implement as appropriate. If a TMDL Implementation Plan (I-Plan) is available, the permittee may refer to the I-Plan for appropriate BMPs. The SWMP and annual report must include the selected BMPs. Permittees may not exclude BMPs associated with the minimum control measures required under 40 CFR §122.34 from their list of proposed BMPs. Proposed BMPs will be reviewed by the executive director during the NOI and SWMP review and approval process.

The BMPs shall, as appropriate, address the following:

a. Sanitary Sewer Systems

(i) Make improvements to sanitary sewers to reduce overflows;

(ii) Address lift station inadequacies;

(iii) Improve reporting of overflows; and

(iv) Strengthen sanitary sewer use requirements to reduce blockage from fats, oils, and grease.

b. On-site Sewage Facilities (for entities with appropriate jurisdiction)

(i) Identify and address failing systems; and

(ii) Address inadequate maintenance of On-Site Sewage Facilities (OSSFs).

c. Illicit Discharges and Dumping

Place additional effort to reduce waste sources of bacteria; for example, from septic systems, grease traps, and grit traps.

d. Animal Sources

Expand existing management programs to identify and target animal sources such as zoos, pet waste, and horse stables.

e. Residential Education

Increase focus to educate residents on:

(i) Bacteria discharging from a residential site either during runoff events or directly;

(ii) Fats, oils, and grease clogging sanitary sewer lines and resulting overflows;

(iii) Decorative ponds; and

(iv) Pet waste.

(6) **Monitoring or Assessment of Progress**

The permittee shall monitor or assess progress in achieving benchmarks and determine the effectiveness of BMPs, and shall include documentation of this monitoring or assessment in the SWMP and annual reports. In addition, the SWMP must include methods to be used.

a. The permittee may use either of the following methods to evaluate progress towards the benchmark and improvements in water quality as follows:

(i) **Evaluating Program Implementation Measures**

The permittee may evaluate and report progress towards the benchmark by describing the activities and BMPs implemented, by identifying the appropriateness of the identified BMPs, and by evaluating the success of implementing the measurable goals.

The permittee may assess progress by using program implementation indicators such as: (1) number of sources identified or eliminated; (2) decrease in number of illegal dumping; (3) increase in illegal dumping reporting; (4) number of educational opportunities conducted; (5) reductions in sanitary sewer flows (SSOs); or, (6) increase in illegal discharge detection through dry screening, etc.; or

(ii) **Assessing Improvements in Water Quality**

The permittee may assess improvements in water quality by using available data for segment and assessment units of water bodies from other reliable sources, or by proposing and justifying a different approach such as collecting additional instream or outfall monitoring data, etc. Data may be acquired from TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.

b. Progress towards achieving the benchmark shall be reported in the annual report. Annual reports shall report the benchmark and the year(s) during the permit term that the MS4 conducted additional sampling or other assessment activities.

(7) **Observing no Progress Towards the Benchmark**

If, by the end of the third year from the effective date of the permit, the permittee observes no progress toward the benchmark either from program implementation or water quality assessments as described in Part II.D.4(a)(6), the permittee shall identify alternative focused

BMPs that address new or increased efforts towards the benchmark or, as appropriate, shall develop a new approach to identify the most significant sources of the pollutant(s) of concern and shall develop alternative focused BMPs for those (this may also include information that identifies issues beyond the MS4's control). These revised BMPs must be included in the SWMP and subsequent annual reports.

Where the permittee originally used a benchmark based on an aggregated WLA, the permittee may combine or share efforts with other MS4s discharging to the same watershed to determine an alternative sub-benchmark for the pollutant(s) of concern for their respective MS4s, as described in Part II.D.4(a)(3)(b) above.

Permittees must document, in their SWMP for the next permit term, the proposed schedule for the development and subsequent adoption of alternative sub benchmark for the pollutant(s) of concern for their respective MS4s and associated assessment of progress in meeting those individual benchmarks.

(b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL

The permittee shall also determine whether the permitted discharge is directly to one or more water quality impaired water bodies where a TMDL has not yet been approved by TCEQ and EPA. If the permittee discharges directly into an impaired water body without an approved TMDL, the permittee shall perform the following activities:

(1) Discharging a Pollutant of Concern

a. Within the first year following the permit effective date, the permittee shall determine whether the small MS4 may be a source of the pollutant(s) of concern by referring to the CWA §303(d) list and then determining if discharges from the MS4 would be likely to contain the pollutant(s) of concern at levels of concern.

b. If the permittee determines that the small MS4 may discharge the pollutant(s) of concern to an impaired water body without an approved TMDL, the permittee shall, no later than two years following the permit effective date, ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that the permittee will implement, to reduce, the discharge of pollutant(s) of concern that contribute to the impairment of the water body.

c. In addition, no later than three years following the permit effective date, the permittee shall submit an NOC to amend the SWMP to include any additional BMPs to address the pollutant(s) of concern.

(2) Impairment of Bacteria

Where the impairment is for bacteria, the permittee shall identify potential significant sources and develop and implement focused BMPs for those sources. The permittee may implement the BMPs listed in Part II.D.4(a)(5) or proposed alternative BMPs as appropriate.

(3) The annual report must include information on compliance with this section, including results of any sampling conducted by the permittee.

8.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of the new MS4 TPDES requirements related to Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements. The LTSTF membership will prepare an Impaired Water Body BMP program to meet the requirements of the new MS4 TPDES requirements pursuant to Part II Section D and (b) (i.e. Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL) and Part II Section D 4 (a) (5) (i.e.

Impairment for Bacteria). The permittee shall check annually, in conjunction with preparation of the annual report, whether an impaired water within its permitted area has been added to the latest EPA approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d) which lists the category 4 and 5 water bodies. Within two years following the approval date of the new list(s) of impaired waters, the permittee shall comply with the requirements of Part II.D.4.(b) (with the exception of (b)(1)c), and shall identify any newly listed waters in the annual report (consistent with Part IV.B.2.f) and SWMP (consistent with Part III.A.2.f).

Table 8-1: Impaired Water Bodies and Total Maximum Daily Load (TMDL) BMPs

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
8.2.1	Source determination	X	X	X	X	X		X	
8.2.2	Bacteria Impairment Program		X	X	X	X		X	
8.2.3	Workgroup	X	X	X	X	X		X	
8.2.4	Reporting*	X	X	X	X	X		X	

*X – notes activity, see Section for details *Revised BMP I-Individual R-Regional*

8.2.1 Source determination

There are three (3) significant watersheds located in the LRGV, namely the Arroyo Colorado, the Lower Laguna Madre and the Lower Rio Grande River watersheds. Solely, the Lower Rio Grande River is listed as unimpaired (Table 2-2 through Table 2-5). As depicted in Table 2-5, all the MS4s discharge directly into an impaired body of water. Additional watershed protection plan projects associated with the Hidalgo/Willacy Floodway, Raymondville Drain Waterway and the USIBWC Floodway are in the planning stages. The TCEQ is currently assessing these watersheds. This section of the SMWP will encourage the LTSTF to work with the TCEQ on these projects.

Within the first year following the permit effective date, the MS4s shall determine whether the MS4 may be a source of the pollutant(s) of concern by referring to the CWA §303(d) list (pollutants of concern are depicted in Tables 2-1 through Tables 2-3), and then determining if discharges from the MS4 would be likely to contain the pollutant(s) of concern at levels of concern. The LTSTF will develop a workgroup to assist in developing a source determination strategy that may include review of pertinent historical literature, assessing existing EPA (RCRA, CERCLA, etc.), TCEQ (MSW, LPST, etc.) and other similar permit/registration databases, review local health department records, find and obtain past and active local and/or regional study findings, and identify other pertinent documentation.

If the MS4 determines that the MS4 may discharge the pollutant(s) of concern to an impaired water body without an approved TMDL, the permittee shall, no later than two years following the permit effective date, ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that the permittee will implement, to reduce, the discharge of pollutant(s) of concern that contribute to the impairment of the water body.

In addition, no later than three years following the permit effective date, the permittee shall submit a NOC to amend the SWMP to include any additional BMPs to address the pollutant(s) of concern.

Table 8-2: Implementation Schedule – Source Determination

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Develop a source determination strategy, amend as needed	Complete and document activity	Annual
Year 2-5	Implement program, if applicable, amend as needed.	Complete and document activity	Annual
Year 3	Submit NOC, if applicable	Record activities	Annual
Year 3-5	Assess	Develop pertinent information	Annual

8.2.2 Bacteria Impairment Program

Since one of the pollutants of concern is identified as bacteria (Table 2-1 to Table 2-3), the permittees shall include focused BMPs addressing the below areas, as applicable, in the SWMP and implement as appropriate.

The BMPs shall, as appropriate, address the following: Sanitary Sewer Systems, On-site Sewage Facilities (OSSFs), Illicit Discharges and Dumping, Animal Sources, and Residential Education.

Table 8-3: Implementation Schedule – Bacteria Impairment Program

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-3	Develop a plan to target sanitary sewer systems. Assess: lift stations, reporting of SSOs, wet waste, and use of fats, oils and grease.	Complete and document activity	Annual
Year 2-3	Develop a plan to target OSSFs. Assess illegal uses, failing systems, jurisdiction issues, O&M requirements, and other issues.	Complete and document activity	Annual
Year 2-3	Develop a plan to identify, mitigate, enforce with policy or local law, and prevent Illicit Discharges and Dumping.	Complete and document activity	Annual
Year 2-3	Develop a plan to manage Animal Sources. Assess: pet ordinances, zoos, animal shelters, horse stables, CAFOs, dog parks, municipal parks, sports complexes, and other animal sources.	Complete and document activity	Annual
Year 3-5	Implement Plans.	Complete and document activity	Annual
Year 2	Develop outreach program. Target residential sources.	Complete and document activity	Annual
Year 2-5	Implement Residential Education awareness program.	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Report development and implementation during annual reporting process.	Develop pertinent information	Annual

8.2.3 Workgroup

Since one of the pollutants of concern is identified as bacteria (Table 2-1 to Table 2-3) , the permittees shall include focused BMPs addressing the below areas, as applicable, in the SWMP and implement as appropriate. The BMPs shall, as appropriate, address the following: Sanitary Sewer Systems, On-site Sewage Facilities, Illicit Discharges and Dumping, Animal Sources, and Residential Education.

Table 8-4: Implementation Schedule – Bacteria Impairment Program

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Develop a source determination strategy, amend as needed	Complete and document activity	Annual
Year 2	Implement program, if applicable, amend as needed	Complete and document activity	Annual
Year 3	Submit NOC, if applicable	Record activities	Annual
Year 4-5	Develop and implement an outreach and awareness program, if applicable	Record announcements and activities, tally delivery events	Annual
Year 3-5	Assess	Develop pertinent information	Annual

8.2.4 Reporting

The annual report will include information pertaining to this section.

Table 8-5: Implementation Schedule – Reporting

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-5	Annual Review of Impaired lists*	Complete and document activity	Annual
Year 1-5	Annual Report	Complete and document activity	Annual

*New Activity

9.0 LEGAL AUTHORITY

The following section presents the permit requirement for the Legal Authority Program. The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and a timeline (or frequency) for each implementation action. Each of these sections includes a brief discussion of current programs, a description of the BMPs selected, a proposed implementation schedule for each BMP, and performance measures for the programs.

9.1 Legal Authority Text

The BMPs listed in this section were selected to meet the following regulatory requirement (Legal Authority):

3. Legal Authority

(a) Traditional small MS4s, such as cities

(1) Within two years from the permit effective date, the permittee shall review and revise, if needed, its relevant ordinance(s) or other regulatory mechanism(s), or shall adopt a new ordinance(s) or other regulatory mechanism(s) that provide the permittee with adequate legal authority to control pollutant discharges into and from its small MS4 in order to meet the requirements of this general permit.

(2) To be considered adequate, this legal authority must, at a minimum, address the following:

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

(b) Non-traditional small MS4s, such as counties, drainage districts, transportation entities, municipal utility districts, military bases, prisons and universities

(1) 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, contractors, and any other entity over which it has operational control within the portion of the UA under the jurisdiction of the permittee. For discharges from third party actions, the permittee shall perform inspections and exert enforcement authority to the MEP.

(2) If the permittee does not have inspection or 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 actions in order to meet the goals of the permit:

a. 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,

b. If it is not feasible for the permittee to enter into interlocal agreements, the permittee shall notify an adjacent MS4 operator with enforcement authority or TCEQs Field Operations Support Division as needed to report discharges or incidents that it cannot itself enforce against. In determining feasibility for entering into interlocal agreements, the permittee shall consider all factors, including, without limitations, financial considerations and the willingness of the municipalities in which the small MS4 is located.

9.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of Legal Authority.

Table 9-1: Legal Authority BMPs

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
9.2.1	Ordinances, Orders and Policy	X	X	X	X	X	X		
9.2.2	Interlocal agreements, other instruments required to assist non-traditional MS4s	X	X	X	X	X	X		

X – notes activity, see Section for details I-Individual R-Regional

9.2.1 Ordinances, Orders and Policy.

Traditional small MS4s, within two years from the permit shall review, revise and/or adopt ordinances, orders, and/or policies to assure legal authority to implement the SWMP.

Table 9-2: Implementation Schedule – Ordinances, Orders and Policy.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Review/revise existing model ordinances, orders, and policies	Complete and document activity	Semi-annual
Year 2-5	Adopt revised model ordinances, orders, and policies	Complete and document activity	As needed

9.2.2 Interlocal agreements, other instruments required to assist non-traditional MS4s

Traditional small MS4s, within two years from the permit shall review, revise and/or adopt ordinances, orders, and/or policies to assure legal authority to implement the SWMP.

Table 9-3: Implementation Schedule – Interlocal agreements, other instruments required to assist non-traditional MS4s.

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Develop interlocal agreements or other instruments to assist non-traditional MS4s to implement and enforce the SWMP.	Meet, complete and document activity.	Annual
Year 2-5	Adopt interlocal agreements or other instruments to assist non-traditional MS4s to implement and enforce the SWMP.	Complete and document activity.	By year 5

10.0 ILLICIT DISCHARGE DETECTION ELIMINATION (FOR TYPE II, III AND IV MS4s)

The following section presents the additional permit requirements for the Illicit Discharge Detection and Elimination Program. The section describes the additional BMPs necessary to implement this program. It describes the measurable goals for each BMP and a timeline (or frequency) for each implementation action. Each of these sections includes a brief discussion and a description of the BMPs selected for the MCM, a proposed implementation schedule for each BMP, and performance measures for the program.

10.1 IDDE PERMIT REQUIREMENTS (MCM #2 FOR TYPE II, III AND IV MS4s)

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit. The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #2 for Type II, III and IV MS4s):

2. Illicit Discharge Detection and Elimination (IDDE)

(a) Program Development

The Illicit Discharge Detection and Elimination (IDDE) program must include the following:

- e. For Level 2, 3 and 4 small MS4s, if applicable, procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4;
- f. For Level 4 small MS4s, procedures for identifying priority areas within the small MS4 likely to have illicit discharges, and a list of all such areas identified in the small MS4 (See Part III.B.2.(e)(1));
- g. For Level 4 small MS4s, field screening to detect illicit discharges (See Part III.B.2.(e)(2)); and
- h. For Level 4 small MS4s, procedures to reduce the discharge of floatables in the MS4. (See Part III.B.2.(e)(3).

(2) For non-traditional small MS4s, if illicit connections or illicit discharges are observed related to another operator's MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then the permittee shall notify the appropriate TCEQ regional office of the possible illicit connection.

(d) Additional Requirements for Level 3 and 4 small MS4s

In addition to the requirements described in Parts III.B.2(c)(1)-(6) above, permittees who operate level 3 and 4 small MS4s shall meet the following requirements:

(1) Source Investigation and Elimination

Permittees who operate level 3 and 4 small MS4 shall upon being notified that the discharge has been eliminated, conduct a follow-up investigation or field screening, consistent with Part III.B.2.(e)(2), to verify that the discharge has been eliminated. The permittee shall document its follow-up investigation. The permittee may seek recovery and remediation costs from responsible parties consistent with Part III.A.3., and require compensation related costs. Resulting enforcement actions must follow the procedures for enforcement action in Part III.A.3. If the suspected source of the illicit discharge is authorized under an NPDES/TPDES permit or the discharge is listed

as an authorized non-stormwater discharge, as described in Part III.C, no further action is required.

(e) Additional Requirements for Level 4 small MS4s

In addition to the requirements described in Parts III.B.2(c)-(d) above, permittees who operate level 4 small MS4s shall meet the following requirements:

(1) Identification of Priority Areas

Permittees who operate level 4 small MS4s shall identify priority areas and shall document the basis for the selection of each priority area and shall create a list of all priority areas identified. This priority area list must be available for review by the TCEQ.

(2) Dry Weather Field Screening

By the end of the permit term, permittees who operate level 4 small MS4s shall develop and implement a written dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. Dry weather field screening must consist of (1) field observations; and (2) as needed, field screening.

If dry weather field screening is necessary, at a minimum, the permittee shall:

- a. Conduct dry weather field screening in priority areas as identified by the permittee in Part III.B.2(e)(1). By the end of the permit term, all of those priority areas, although not necessarily all individual outfalls must be screened.
- b. Field observation requirements – The permittee shall develop written procedures for observing flows from outfalls when there has been at least 72 hours of dry weather. The written procedures should include the basis used to determine which outfalls would be observed. The permittee shall record visual observations such as odor, color, clarity, floatables, deposits or stains.
- c. Field screening requirements – The permittee shall develop written procedures to determine which dry weather flows will be screened, based on results of field observations or complaint from the public or the permittee’s trained field staff. At a minimum, when visual observations indicate a potential problem such as discolored flows, foam, surface sheen, and other similar indicators of contamination, the permittee shall conduct a field screening analysis for selected indicator pollutants as determined by the permittee. Screening methodology may be modified based on experience gained during the actual field screening activities. The permittee shall document the method used.

(3) Reduction of Floatables

The permittee shall implement a program to reduce the discharge of floatables (for example, litter and other human-generated solid refuse) in the MS4. The MS4 shall include source controls at a minimum and structural controls and other appropriate controls where necessary.

10.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 2 that apply to Type II, III and IV MS4s.

Table 10-1: Illicit Discharge Detection and Elimination (IDDE) BMPs for Type II, III and IV MS4s

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
10.2.1	OSSF leak detection, prevention and mitigation ^{2,3,4}		X	X	X	X	X		
10.2.2	Identify priority areas ^{4**}		X	X	X	X	X		
10.2.3	Field Screening ^{4**}		X	X	X	X	X		
10.2.4	Notification of Illicit Discharge ^{N**}		X	X	X	X	X		
10.2.5	Source Investigation and Elimination ^{3,4**}		X	X	X	X	X		
10.2.6	Floatables*		X	X	X	X	X		

X – notes activity, see Section for details I-Individual R-Regional

² – Type II MS4

³ – Type III MS4

⁴ – Type IV MS4

^N – Non Traditional Type of MS4

* New BMP

** Revised BMP

10.2.1 OSSF leak detection, prevention and mitigation (Type II, III, and IV MS4)

As part of the MS4s' IDDE Programs, this BMP will develop and implement a mitigation plan with procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4. This will include targeting residential, commercial and municipal systems. The program will work with the local Designated Representatives (DRs) to review permitting, inspection and O&M programs. The MS4s will also review legal authority instruments, attempt to identify illegal systems, and prohibit OSSFS where applicable. Outreach will be included.

Table 10-2: Implementation Schedule – OSSF leak detection, prevention and mitigation (Type II, III, and IV MS4)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Develop OSSF IDDE program	Complete activity	Annual
Year 3-5	Implement program	Complete activity	Annual
Year 2-5	Outreach	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

10.2.2 Identify priority areas (Type IV MS4 only)

The MS4 will develop a program to identify high priority areas with a high potential to generate stormwater pollutants. These areas may include maintenance yards, hazardous waste facilities, industrial zones, colonias, parks, municipal facilities, fuel storage locations, and other facilities where chemicals or other materials have a high potential to be discharged in stormwater. Among the factors that must be considered when giving an area a high priority ranking are: the amount of urban pollutants stored at the site, type of activity conducted, SIC classification, the identification of improperly stored materials, activities that must not be performed outside (for example, changing

automotive fluids, vehicle washing), proximity to waterbodies, poor housekeeping practices, and discharge of pollutant(s) of concern to impaired water(s). A focus on floatables will be added to this BMP. The development of a floatables mitigation program will be developed.

Table 10-3: Implementation Schedule – Identify priority areas (Type IV MS4)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Develop Priority Area identification program; focus on floatables will be added*	Complete activity	Annual
Year 3-5	Implement program	Complete activity	Annual
Year 2-5	Develop, deliver outreach	Record announcements and activities, tally delivery events	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

* revised activity

10.2.3 Field Screening (Type IV MS4)

The MS4 will develop and implement a written dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. The dry weather field screening will consist of (1) field observations; and (2) as needed, field screening. Dry weather field screening will include targeting priority areas, field observations, and written procedures. A focus on floatables will be added to this BMP. The development of a floatables mitigation program will be developed.

Table 10-4: Implementation Schedule – Field Screening (Type IV MS4 only)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-3	Develop a written dry weather field screening program. Including field observation procedures, type of data collected and guidance for staff for mobilization, focus on floatables will be added*	Complete activity	By year 3
Year 2-3	Quantify the priority areas and develop a schedule for field screening these areas, focus on floatables will be added*	Complete activity	Annual
Year 2-5	Training	Record announcements and activities, tally delivery events	Annual
Year 2-5	Recordkeeping	Archive site visits, complete activity	Semi-annual
Year 3-5	Implement Program. 1/3 of targeted areas will be assessed each year, cumulatively (1/3 in year 3, 2/3 in year 4 and 100% annually thereafter)	Compare actual visits to projections	Annual
Year 3-5	City will develop a strategy for providing outreach to key stakeholders in priority areas that may impact the MS4s	Keep record of meetings and identify types of stakeholders	Annual
Year 2-5	Assess BMP	Tally and evaluate events, obtain feedback	Annual

* revised activity

10.2.4 Notification of Illicit Discharge (non-traditional small MS4s)

If illicit connections or illicit discharges are observed related to another operator’s MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then the permittee shall notify the appropriate TCEQ regional office of the possible illicit connection. The notification program will include providing key information to staff (phone numbers, hotlines, etc.), readily available communication procedures, and reporting procedures. Some IDDE training will be provided.

Table 10-5: Implementation Schedule – Notification of Illicit Discharge (non-traditional small MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2	Develop a notification program	Record activities conducted	By Year 2
Year 3-5	Implement program	Record activities conducted	Annual
Year 2-5	Training	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Assess BMP	Tally and evaluate events, obtain feedback	Annual

10.2.5 Source Investigation and Elimination (Type III and IV MS4s)

Upon being notified that a reported discharge has been eliminated, the MS4 will conduct a follow-up investigation or field screening, consistent with Part III.B.2.(e)(2), to verify that the discharge has been eliminated. The Source Investigation and Elimination Program shall include procedures for a site visit, follow-up investigation, enforcement, recordkeeping, and policy to seek recovery, compensation and remediation costs from responsible parties, if applicable. A focus on floatables will be added to this BMP. The development of a floatables mitigation program will be developed.

Table 10-6: Implementation Schedule – Source Investigation and Elimination (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-3	Develop Source Investigation and Elimination program, focus on floatables will be added*	Meet, complete activity	Annual
Year 3-5	Implement Program	Complete activity	Annual
Year 2-5	Assess the BMP	Tally and evaluate events, obtain feedback	Annual

* revised activity

10.2.6 Floatables (Type IV MS4s)

The MS4 will develop and implement a written floatable mitigation program to assist in detecting and minimizing illicit discharges associated with floatables to the small MS4. The MS4 shall maintain two locations where floatable material can be removed before the stormwater is discharged to or from the MS4. Floatable material shall be collected at the frequency necessary for maintenance of the removal devices, but not less than twice per year. The amount of material collected shall be estimated by weight, volume, or by other practical means. Results shall be included in the annual report.

Table 10-7: Implementation Schedule – Floatable (Type IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 3-5	Implement Program	Complete activity	Annual
Year 2-5	Assess the BMP	Review planning, budgeting and obtain feedback	Annual

11.0 CONSTRUCTION SITE STORM WATER RUNOFF CONTROL (FOR TYPE III AND IV MS4s)

The following section presents the additional permit requirements for the Illicit Discharge Detection and Elimination Program. The section describes the additional BMPs necessary to implement this program. It describes the measurable goals for each BMP and a timeline (or frequency) for each implementation action. Each of these sections includes a brief discussion and a description of the BMPs selected for the MCM, a proposed implementation schedule for each BMP, and performance measures for the program.

11.1 CONSTRUCTION SITE STORM WATER RUNOFF CONTROL PERMIT REQUIREMENTS (FOR TYPE III AND IV MS4s)

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit. The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #3 for Type III and IV MS4s):

3. Construction Site Stormwater Runoff Control

(c) Additional Requirements for Level 3 and 4 small MS4s

In addition to the requirements described in Parts III.B.3(b)(1)-(7) above, permittees who operate Level 3 and 4 small MS4s shall meet the following requirements:

Construction Site Inventory

Permittees who operate Level 3 and 4 small MS4s shall maintain an inventory of all permitted active public and private construction sites, that result in a total land disturbance of one or more acres or that result in a total land disturbance of less than one acre if part of a larger common plan or development or sale. Notification to the small MS4 must be made by submittal of a copy of an NOI or a small construction site notice, as applicable. The permittee shall make this inventory available to the TCEQ upon request.

11.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 3.

Table 11-1: Construction Site Storm Water Controls BMPs (Type III and IV MS4s)

Section	Description of BMP	YEAR SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
11.2.1	Construction Site Inventory ^{3,4}		X	X	X	X	X		

X – notes activity, see Section for details ³ – Type III MS4 ⁴ – Type IV MS4 I-Individual R-Regional

11.2.1 Construction Site Inventory (Type III and IV MS4s)

The MS4s will develop an internal recordkeeping program to maintain an inventory of all permitted active public and private construction sites, that result in a total land disturbance of one or more acres or that result in a total land disturbance of less than one acre if part of a larger common plan or development or sale. Notification to the small MS4 should be made by submittal of a copy of an NOI or a small construction site notice. The MS4s will utilize their legal authority to incorporate this requirement into the MCM #3 and the SWMP in general.

Table 11-2: Implementation Schedule – Construction Site Inventory (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-3	Evaluate existing construction permitting process	Archive meetings and activities, complete activity	Annual
Year 2-3	Develop a recordkeeping program and a database	Archive meetings and activities, complete activity	Annual
Year 3-5	Report information in annual report	Report activity	Annual
Year 2-5	Assess	Develop pertinent information	Annual

12.0 POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT CONTROL (FOR TYPE IV MS4s)

The BMPs listed in this section were selected to meet the following regulatory requirement

The following section presents the additional permit requirement for the Post-Construction Storm Water Management in New Development and Redevelopment Program (Minimum Control Measure #4 for IV MS4s): The section describes the BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

12.1 PERMIT REQUIREMENTS

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit.

The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #4):

4. Post-Construction Stormwater Management in New Development and Redevelopment
(c) Additional Requirements for Level 4 small MS4s
 In addition to the requirements described in Parts III.B.5(b)(1)-(3) above, permittees who operate level 4 small MS4s shall meet the following requirements:
(1) Inspections - Permittees who operate level 4 small MS4s shall develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained as required consistent with its applicable maintenance plan. For small MS4s with limited enforcement authority, this requirement applies to the structural controls owned and operated by the small MS4 or its contractors that perform these activities within the small MS4's regulated area.
a. Inspection Reports - The permittee shall document its inspection findings in an inspection report and make them available for review by the TCEQ.

12.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 5.

Table 12-1: Post-Construction Stormwater Management in New Development and Redevelopment BMPs (Type IV MS4s)

Section	Description of BMP	IMPLEMENTATION SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
12.2.1	Inspection program ⁴	X	X	X	X	X	X		

X – notes activity, see Section for details I-Individual R-Regional

⁴ – Type IV MS4

12.2.1 Inspection Program (Type IV MS4s)

The MS4 will develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained as required consistent with its applicable maintenance plan. The MS4 will develop an inspection reporting process.

Table 12-2: Implementation Schedule – Inspection Program (Type IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Develop an inspection program to include awareness program	Archive meetings, new program requirements and complete activity	Annual
Year 3-5	Implement inspection program	Complete activity	Annual
Year 3-4	Outreach program. Implement awareness program	Record announcements and activities	Annual
Year 3-5	Training	Record training events	Annual
Year 2-5	Assess	Develop pertinent information	Annual

13.0 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS (MCM #5 FOR TYPE III AND TYPE IV MS4s)

The following section presents the additional permit requirement for the Pollution Prevention and Good Housekeeping for Municipal Operations Program (Minimum Control Measure #5 for Type III and Type IV MS4s). The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

13.1 POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS PERMIT REQUIREMENTS (MCM #5 FOR TYPE III AND TYPE IV MS4s)

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit.

The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #5 for Type III and IV MS4s):

5. Pollution Prevention and Good Housekeeping for Municipal Operations

(c) Additional Requirements for Level 3 and 4 small MS4s:

In addition to the requirements described in Parts.B.5.(b)(1)-(6) above, permittees who operate Level 3 or 4 small MS4s shall meet the following requirements:

(1) Storm Sewer System Operation and Maintenance

a. Permittees who operate Level 3 or 4 small MS4s shall develop and implement an O&M program to reduce to the maximum extent practicable the collection of pollutants in catch basins and other surface drainage structures.

b. Permittees who operate Level 3 or 4 small MS4s shall develop a list of potential problem areas. The permittees shall identify and prioritize problem areas for increased inspection (for example, areas with recurrent illegal dumping).

(2) Operation and Maintenance Program to Reduce Discharges of Pollutants from Roads

Permittees who operate Level 3 or 4 small MS4s shall implement an O&M program that includes at least one of the following: a street sweeping and cleaning program, or an equivalent BMP such as an inlet protection program, which must include an implementation schedule and a waste disposal procedure. The basis for the decision must be included in the SWMP. If a street sweeping and cleaning program is implemented, the permittee shall evaluate the following permittee-owned and operated areas for the program: streets, road segments, and public parking lots including, but not limited to, high traffic zones, commercial and industrial districts, sport and event venues, and plazas, as well as areas that consistently accumulate high volumes of trash, debris, and other stormwater pollutants.

a. Implementation schedules – If a sweeping program is implemented, the permittee shall sweep the areas in the program (for example, the streets, roads, and public parking lots) in accordance with a frequency and schedule determined in the permittee's O&M program.

b. For areas where street sweeping is technically infeasible (for example, streets without curbs), the permittee shall focus implementation of other trash and litter control procedures

or provide inlet protection measures to minimize pollutant discharges to storm drains and creeks.

c. **Sweeper Waste Material Disposal** – If utilizing street sweepers, the permittee shall develop a procedure to dewater and dispose of street sweeper waste material and shall ensure that water and material will not reenter the small MS4.

(3) Mapping of Facilities

Permittees who operate Level 3 or 4 small MS4s shall, on a map of the area regulated under this general permit, identify where the permittee-owned and operated facilities and stormwater controls are located.

(4) Facility Assessment

Permittees who operate Level 3 or 4 small MS4s shall perform the following facility assessment in the regulated portion of the small MS4 operated by the permittee:

a. **Assessment of Facilities' Pollutant Discharge Potential** - The permittee shall review the facilities identified in Part III.B.5.(b) once per permit term for their potential to discharge pollutants into stormwater.

b. **Identification of high priority facilities** - Based on the Part III.B.5.(c)(4)a. assessment, the permittee shall identify as high priority those facilities that have a high potential to generate stormwater pollutants and shall document this in a list of these facilities. Among the factors that must be considered in giving a facility a high priority ranking are the amount of urban pollutants stored at the site, the identification of improperly stored materials, activities that must not be performed outside (for example, changing automotive fluids, vehicle washing), proximity to waterbodies, proximity to sensitive aquifer recharge features, poor housekeeping practices, and discharge of pollutant(s) of concern to impaired water(s). High priority facilities must include, at a minimum, the permittee's maintenance yards, hazardous waste facilities, fuel storage locations, and any other facilities at which chemicals or other materials have a high potential to be discharged in stormwater.

c. **Documentation of Assessment Results** - The permittee shall document the results of the assessments and maintain copies of all site evaluation checklists used to conduct the assessments. The documentation must include the results of the permittee's initial assessment, and any identified deficiencies and corrective actions taken.

(5) Development of Facility Specific SOPs

Permittees who operate Level 3 or 4 small MS4s shall develop facility specific stormwater management SOPs. The permittee may utilize existing plans or documents that may contain the following required information:

a. For each high priority facility identified in Part III.B.5.(c)(4)b., the permittee shall develop a SOP that identifies BMPs to be installed, implemented, and maintained to minimize the discharge of pollutants in stormwater from each facility.

b. A hard or electronic copy of the facility-specific stormwater management SOP (or equivalent existing plan or document) must be maintained and be available for review by the TCEQ. The SOP must be kept on site when possible and must be kept up to date.

(6) Stormwater Controls for High Priority Facilities

Permittees who operate Level 3 or 4 small MS4s shall implement the following stormwater controls at all high priority facilities identified in Part III.B.5.(c)(4)b. A description of BMPs developed to comply with this requirement must be included in each facility specific SOP:

- a. General good housekeeping – Material with a potential to contribute to stormwater pollution must be sheltered from exposure to stormwater.
- b. De-icing and anti-icing material storage - The permittee shall ensure, to the MEP, that stormwater runoff from storage piles of salt and other de-icing and anti-icing materials is not discharged; or shall ensure that any discharges from the piles are authorized under a separate discharge permit.
- c. Fueling operations and vehicle maintenance - The permittee shall develop SOPs (or equivalent existing plans or documents) that address spill prevention and spill control at permittee-owned and operated vehicle fueling, vehicle maintenance, and bulk fuel delivery facilities.
- d. Equipment and vehicle washing - The permittee shall develop SOPs that address equipment and vehicle washing activities at permittee-owned and operated facilities. The discharge of equipment and vehicle wash water to the small MS4 or directly to receiving waters from permittee-owned facilities is not authorized under this general permit. To ensure that wastewater is not discharged under this general permit, the permittee’s SOP may include installing a vehicle wash reclaim system, capturing and hauling the wastewater for proper disposal, connecting to sanitary sewer (where applicable and approved by local authorities), ceasing the washing activity, or applying for and obtaining a separate TPDES permit.

(7) Inspections

Permittees who operate Level 3 or 4 small Ms4s shall develop and implement an inspection program, which at a minimum must include periodic inspections of high priority permittee-owned facilities. The results of the inspections and observations must be documented and available for review by the TCEQ.

(d) Additional Requirements for Level 4 small MS4s:

In addition to all the requirements described in Parts III.B.5(b) and III.B.5.(c) above, permittees who operate Level 4 small MS4s shall meet the following requirements:

(1) Pesticide, Herbicide, and Fertilizer Application and Management

a. Landscape maintenance - The permittee shall evaluate the materials used and activities performed on public spaces owned and operated by the permittee such as parks, schools, golf courses, easements, public rights of way, and other open spaces for pollution prevention opportunities. Maintenance activities for the turf landscaped portions of these areas must include mowing, fertilization, pesticide application, and irrigation. Typical pollutants include sediment, nutrients, hydrocarbons, pesticides, herbicides, and organic debris.

b. The permittee shall implement the following practices to minimize landscaping-related pollutant generation with regard to public spaces owned and operated by the permittee:

- (i) Educational activities, permits, certifications, and other measures for the permittee’s applicators and distributors.
- (ii) Pest management measures that encourage non-chemical solutions where feasible. Examples may include:

- (a) Use of native plants or xeriscaping;
- (b) Keeping clippings and leaves out the small MS4 and the street by encouraging mulching, composting, or landfilling;
- (c) Limiting application of pesticides and fertilizers if precipitation is forecasted within 24 hours, or as specified in label instructions;

(d) Reducing mowing of grass to allow for greater pollutant removal, but not jeopardizing motorist safety.

c. The permittee shall develop schedules for chemical application in public spaces owned and operated by the permittee that minimize the discharge of pollutants from the application due to irrigation and expected precipitation.

d. The permittee shall ensure collection and proper disposal of the permittee’s unused pesticides, herbicides, and fertilizers.

(2) Evaluation of Flood Control Projects

The permittee shall assess the impacts of the receiving water(s) for all flood control projects. New flood control structures must be designed, constructed, and maintained to provide erosion prevention and pollutant removal from stormwater. The retrofitting of existing structural flood control devices to provide additional pollutant removal from stormwater shall be implemented to the maximum extent practicable.

13.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the requirements of MCM 5.

Table 13-1: Pollution Prevention/Good Housekeeping for municipal operations BMPs

Section	Description of BMP	YEAR SCHEDULE (YEAR)					BMP CATEGORY		
		1	2	3	4	5	I	R	N/A
13.2.1	Storm Sewer System O&M ^{3,4}		X	X	X	X	X		
13.2.2	Roadway O&M ^{3,4}		X	X	X	X	X		
13.2.3	Mapping of Facilities ^{3,4}		X	X	X	X	X		
13.2.4	Facility specific SOPs ^{3,4}		X	X	X	X	X		
13.2.5	Stormwater Controls for High Priority Areas ^{3,4}		X	X	X	X	X		
13.2.6	Inspections ^{3,4}		X	X	X	X	X		
13.2.7	Pesticide, Herbicide, Fertilizer Application & Management Program ⁴		X	X	X	X	X		
13.2.8	Develop Program to Evaluate Flood Control Projects ^{4*}		X	X	X	X	X		

X – notes activity, see Section for details

* New BMP I-Individual R-Regional

³ – Type III MS4

⁴ – Type IV MS4

13.2.1 Storm Sewer System O&M (Type III and IV MS4s)

The MS4s will develop and implement an O&M program to reduce to the maximum extent practicable the collection of pollutants in catch basins and other surface drainage structures. The program will include identifying potential problem areas and developing an inspection program. Problem areas will be prioritized, and additional inspections will be contemplated.

Table 13-2: Implementation Schedule – Storm Sewer System O&M (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-3	Evaluate existing stormwater O&M program, primarily targeting catch basins and other surface drainage structures	Archive meetings, activities, complete activity	Annual
Year 2-3	Develop inspection, O&M program	Archive activities, complete activity	Annual
Year 2-5	Implement O&M program. Inspect 1/3 of priority areas Year 3, 2/3 Year 4 and 100% year 5 (cumulative)	Archive activities, complete activity	Annual
Year 2-5	Develop a recordkeeping program, particularly archive priority areas identified, record mitigation activities	Archive activities, complete activity	Annual
Year 3-5	Report information in annual report	Report activity	Annual
Year 2-5	Assess BMP	Develop pertinent information	Annual

13.2.2 Roadway O&M (Type III and IV MS4s)

The MS4s will develop and implement an O&M program that includes, if feasible and practicable, a street sweeping and cleaning program, or an equivalent BMP such as an inlet protection program, which must include an implementation schedule and a waste disposal procedure. The MS4 will evaluate resources, staff, and budget requirements for development and implementation of this BMP by Year 2. If a street sweeping and cleaning program is implemented pursuant to this MCM, the MS4 will evaluate streets, road segments, and public parking lots including, but not limited to, high traffic zones, commercial and industrial districts, sport and event venues, and plazas, as well as areas that consistently accumulate high volumes of trash, debris, and other stormwater pollutants. Similar assessment will be developed if an equivalent BMP is selected. The program will include an implementation schedule (frequency, other strategy), alternative strategies in areas that require unreasonable efforts (technically infeasible, cost), and waste disposal (dewater, characterization, disposal site, etc.). The program will be implemented to the MEP.

Table 13-3: Implementation Schedule – Roadway O&M (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-4	Develop Roadway O&M Plan. Evaluate resources, staff and budget, identify BMPs to be implemented and incorporate into the SWMP	Archive activities, complete Activity	Annual
Year 3-5	Implement Roadway O&M Plan, implement program in 1/3 of target areas by Year 3, 2/3 by Year 4 and 100% of areas by Year 5 (cumulative)	Archive activities, complete activity	Annual
Year 3-5	Submit NOC, NOC to include additional BMP	Complete activity	Annual
Year 2-5	Develop a recordkeeping program, particularly archive priority areas identified, record mitigation activities and disposal information	Archive activities, complete activity	Annual
Year 3-5	Implement disposal program	Archive activities, complete activity	Annual
Year 3-5	Report information in annual report	Report activity	Annual
Year 2-5	Assess BMP	Develop information	Annual

13.2.3 Mapping of Facilities (Type III and IV MS4s)

MS4s will enhance their existing stormwater system map to include identification and location of permittee-owned and operated facilities and stormwater controls regulated under this general permit.

Table 13-4: Implementation Schedule – Mapping of Facilities (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 2-5	Amend stormwater map	Archive meetings and activities, complete activity	Annual
Year 2-5	Evaluate BMP	Develop pertinent information	Annual

13.2.4 Facility specific SOPs (Type III and IV MS4s)

The MS4s will develop facility specific stormwater management SOPs. The SOPs will be developed in a manual format specific to each facility. Each high priority facility identified by the MS4 will be incorporated into the SOP program. The SOP document will be located on site in hard copy and electronic format. The staff awareness program will be enhanced to include this BMP.

Table 13-5: Implementation Schedule – Facility specific SOPs (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 3-4	After high priority facilities are identified, develop advanced SOP program	Archive meetings and activities, complete activity	Annual
Year 3-5	Implement program	Complete activity	Annual
Year 3-5	Outreach and awareness	Record announcements and activities, tally delivery events	Annual
Year 2-5	Assess BMP	Develop pertinent information	Annual

13.2.5 Stormwater Controls for High Priority Areas (Type III and IV MS4s)

The MS4 will develop and implement facility specific stormwater controls at all high priority facilities identified in Part III.B.5. (c)(4)b. A description of BMPs developed to comply with this requirement must be included in each facility specific SOP. SOPs will include general good housekeeping, de-icing and anti-icing material, fueling operations and vehicle maintenance, equipment and vehicle.

Table 13-6: Implementation Schedule – Stormwater Controls for High Priority Areas (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 3-4	After high priority facilities are identified, develop advanced O&M program	Archive meetings and activities, complete activity	Annual
Year 3-5	Identify additional BMPs as applicable, amend SWMP and provide NOC	Archive meetings and activities, complete activity	As needed
Year 3-5	Implement program	Archive meetings and activities, complete activity	Annual
Year 3-5	Outreach, training and awareness	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Assess BMP	Develop pertinent information	Annual

13.2.6 Inspections (Type III and IV MS4s)

Permittees will develop and implement an inspection program, which at a minimum must include periodic inspections of high priority permittee-owned facilities. Recordkeeping program will be included.

Table 13-7: Implementation Schedule – Inspections (Type III and IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 3-4	After high priority facilities are identified, develop advanced inspection program and recordkeeping process	Archive meetings and activities, complete activity	Annual
Year 3-5	Identify additional BMPs as applicable, amend SWMP and provide NOC	Archive meetings and activities, complete activity	Annual
Year 3-5	Implement program	2 inspections per facility	Annual
Year 3-5	Outreach, training and awareness.	Record announcements and activities, tally delivery events.	Annual
Year 2-5	Assess BMP	Develop pertinent information	Annual

13.2.7 Pesticide, Herbicide, Fertilizer Application & Management Program (Type IV MS4s)

The permittee will develop a Pesticide, Herbicide, Fertilizer Application & Management Program that will include 1) evaluation of the materials used and activities performed on public spaces owned and operated by the permittee such as parks, schools, golf courses, easements, public rights of way, and other open spaces for pollution prevention opportunities, 2) implementation of educational activities, permits, certifications, and other measures for the permittee’s applicators and distributors, 3) pest management measures that encourage non-chemical solutions where feasible, 4) development of a schedule for chemical application in public spaces owned and operated by the permittee that minimize the discharge of pollutants from the application due to irrigation and expected precipitation, and 5) proper collection and disposal of the permittee’s unused pesticides, herbicides, and fertilizers.

Table 13-8: Implementation Schedule – Pesticide, Herbicide, Fertilizer Application & Management Program (Type IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 3-4	Evaluation of municipal activities	Archive meetings and activities, complete activity	Annual
Year 3-5	Develop P, H, F application and management program	Archive meetings and activities, complete activity	Annual
Year 3-5	Identify additional BMPs as applicable, amend SWMP and provide NOC	Archive meetings and activities, complete activity	Annual
Year 3-5	Implement program	Complete activity	Annual
Year 3-5	Outreach, training and awareness	Record announcements and activities, tally delivery events	Annual
Year 2-5	Assess BMP	Develop pertinent information	Annual

13.2.8 Evaluate Flood Control Projects (Type IV MS4s)

The MS4 shall assess the impacts of the receiving water(s) for all flood control projects. New flood control structures must be designed, constructed, and maintained to provide erosion prevention and pollutant removal from stormwater. The retrofitting of existing structural flood control devices to provide additional pollutant removal from stormwater shall be implemented to the maximum extent practicable.

Table 13-9: Implementation Schedule – Evaluate Flood Control Projects (Type IV MS4s)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Develop program, planning and feedback	Archive meetings and activities, complete activity	Annual
Year 3-5	Evaluate BMP for MEP	Archive meetings and activities, complete activity	Annual
Year 4-5	Implement program	complete activity	Annual

14.0 INDUSTRIAL SOURCES (MCM #6 FOR TYPE IV MS4s)

The following section presents the additional permit requirement for the Industrial Sources Program (Minimum Control Measure #6 for IV MS4s). The section describes the existing BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

14.1 INDUSTRIAL SOURCES PERMIT REQUIREMENTS (MCM #6 FOR TYPE IV MS4s)

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit. The BMPs listed in this section were selected to meet the following regulatory requirement (Minimum Control Measure #6 for Type IV MS4s):

<p>6. INDUSTRIAL STORMWATER SOURCES</p> <p>(a) Permittees operating a Level 4 small MS4 shall include the requirements described below in Part III. B.6(a) and (b) – this requirement is only applicable to Level 4 MS4s</p> <p>(b) Permittees who operate Level 4 small MS4s shall identify and control pollutants in stormwater discharges to the small MS4 from permittee’s landfills; other treatment, storage, or disposal facilities for municipal waste (for example, transfer stations and incinerators); hazardous waste treatment, storage, disposal and recovery facilities and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313; and any other industrial or commercial discharge the permittee determines are contributing a substantial pollutant loading to the small MS4.</p> <p>(c) The program must include priorities and procedures for inspections and for implementing control measures for such industrial discharges.</p>

14.2 DISCUSSION OF PROGRAMS (TYPE IV MS4)

The following table lists BMPs that meet the requirements of MCM 6.

Table 14-1: Industrial Sources BMPs (Type IV MS4)

Section	Description of BMP	YEAR SCHEDULE (YEAR)				
		1	2	3	4	5
14.2.1	Identify and Control Pollutants in Stormwater Discharges*	X	X	X	X	X

*Revised BMP X – notes activity, see Section for details

14.2.1 Identify and Control Pollutants in Stormwater Discharges

The MS4 will develop and implement an industrial source identification and pollutant control program. The program will identify and control pollutants in stormwater discharges to the small MS4 from permittee’s landfills; other treatment, storage, or disposal facilities for municipal waste (for example, transfer stations and incinerators); hazardous waste treatment, storage, disposal and recovery facilities and facilities that are subject to Emergency Planning and Community Right-to-

Know Act (EPCRA) Title III, Section 313; and any other industrial or commercial discharge the permittee determines are contributing a substantial pollutant loading to the small MS4. The program must include priorities and procedures for inspections and for implementing control measures for such industrial discharges.

Table 14-2: Implementation Schedule – Industrial Source Program (Type IV MS4)

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Develop inventory of target facilities, review legal authority, and applicable regulations (EPCRA, RCRA, TSCA, CERCLA, etc.)	Archive meetings and activities, complete activity	Annual
Year 1-2	Develop inspection program to include procedures, checklists, guidance, training, and reporting*	Archive meetings and activities, complete activity	Annual
Year 1-2	Develop program to include control measures, mitigation, enforcement and reporting*	Archive meetings and activities, complete activity	Annual
Year 3-5	Implement program*	Complete activity	Annual
Year 3-5	Outreach, training and awareness	Record announcements and activities, tally delivery events	Annual
Year 2-5	Assess BMP	Develop pertinent information	Annual

*Revised BMP

15.0 REPORTING

The following section presents the permit requirement for the Reporting Program. The section describes the BMPs necessary to implement this program. It describes the measurable goals for each BMP and the timeline (or frequency) for each implementation action.

15.1 REPORTING PERMIT REQUIREMENTS

The following text is quoted directly from the Small MS4 General Permit, TPDES Permit No. TX040000, dated January 24, 2019. For additional information, please consult Appendix A which contains a copy of the entire permit. The BMPs listed in this section were selected to meet the following regulatory requirement:

Part IV. Recordkeeping and Reporting

Section A. Recordkeeping

- 1. The permittee shall 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 (3) 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 shall 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 shall make the NOI and the SWMP available to the public at reasonable times during regular business hours, if requested to do so in writing. Copies of the SWMP must be made available within ten (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 may be instituted against the permittee.**

Section 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 appropriate 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, the permittee shall promptly submit the facts or information to the executive director.

2. Annual Report

The MS4 operator shall submit a concise annual report to the executive director within 90 days of the end of each reporting year. For the purpose of this section, the reporting year may include either the permit year, the permittee's fiscal year or the calendar year, as elected by the small MS4 and notified to the TCEQ in the application submittal. The annual report must address the previous reporting year.

The first reporting year for annual reporting purposes shall begin on the permit effective date and shall last for a period of one (1) year (the end of the "permit year"). Alternatively, if the permittee elects to report based on its fiscal year, the first reporting year will last until the end of the fiscal year following the end of the first permit year. If the permittee elects to report based on the calendar year, then the first reporting year will last until December 31, 2014.

Subsequent calendar years will begin at the beginning of the first reporting year (which will vary based on the previous paragraph) and last for one (1) year. The MS4 operator shall 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) A summary of the results of information collected and analyzed, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;**
- (c) If applicable, a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4s BMPs used to address the pollutant of concern;**
- (d) A summary of the stormwater activities the MS4 operator plans to undertake during the next reporting year;**

- (e) Proposed changes to the SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements;
- (f) Description and schedule for implementation of additional BMP's that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementations plans;
- (g) Notice that the MS4 operator is relying on another government entity to satisfy some of its permit obligations (if applicable);
- (h) The number of construction activities where the small MS4 is the operator and authorized under the 7th optional MCM, including the total number of acres disturbed; and
- (i) The number of construction activities that occurred within the jurisdictional area of the small MS4 (as noticed to the permittee by the construction operator), and that were not authorized under the 7th MCM.

An annual report must be prepared whether or not the NOI and SWMP have 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, they shall contribute to and submit a single system- wide report. Each permittee shall sign and certify the annual report in accordance with 30 TAC § 305.128 (relating to Signatories to Reports).

The annual report must be submitted with the appropriate TCEQ reporting forms if available, or as otherwise approved by TCEQ.

The annual report must be submitted to the following address:
 Texas Commission on Environmental Quality Stormwater & 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.texas.gov for additional information and instructions.

15.2 DISCUSSION OF PROGRAMS

The following table lists BMPs that meet the reporting requirements of the new MS4 permit.

Table 15-1: Reporting BMPs

Section	Description of BMP	YEAR SCHEDULE (YEAR)				
		1	2	3	4	5
15.2.1	Reporting Program	X	X	X	X	X

X – notes activity, see Section for details

15.2.1 Reporting Program

The MS4s will develop and implement a reporting program and will submit an annual report pursuant to the requirements fiscal calendar selection.

Table 15-2: Implementation Schedule – Reporting

Permit Period	Activity	Measurable Goals	Completed By (Month and Year or Frequency of Action)
Year 1-2	Develop and implement recordkeeping program	Archive meetings and activities, complete activity.	Annual
Year 1-5	Prepare and submit annual report	Archive meetings and activities, complete activity	Dec 30, 2019, 2020, 2021, 2022, 2023
Year 1-2	Prepare and submit NOC, as applicable	Archive meetings and activities, complete activity	As needed

16.0 REFERENCES

- Arroyo Colorado Watershed Protection Plan, Arroyo Colorado Watershed Partnership (ACWP), Texas Sea Grant (2007)
- Designing and Implementing an Effective Stormwater Management Program, American Public Association (APWA) Feb 2000.
- Lower Rio Grande Valley Development Council (LRGVDC), 2002. Regional Solid Waste Management Plan Amendment 2002–2020. June 30, 2003.
- Phase II Rule, Federal Register / Vol. 55, No. 222 / Friday, November 16, 1990. Page 48065.
- Reese, AJ, E. Treadway and D. Noel (2000). Estimating Costs for the Phase II Stormwater Management Program, *Water Environment Federation.*, April 2000, pp. 33-39.
- State of Rio Grande and Environment of the Border Region Strategic Plan 2003-2007 Vol. 3, TCEQ (2002)
- The National Association of Flood and Stormwater Management Association (NAFSMA), 1999a, Phase II Survey Raw Data Report, 1299 Pennsylvania Ave. NW, Washington DC 2004.
- Texas Commission Environmental Quality (TCEQ), MS4 Permit, TCEQ TXR040000, August 2007.
- Texas Commission Environmental Quality (TCEQ), GCP Permit, TCEQ TXR1500000, March 2003.
- Texas Commission Environmental Quality (TCEQ), 2013b. 2012 Texas Integrated Report – Texas 303(d) List (Category 5). TCEQ, Austin, TX, May 9.
- T. Schueler, Impacts of Impervious Cover on Aquatic Systems, Center for Watershed Protection (CWA), March 2003.
- United States Environmental Protection Agency (U.S. EPA) (1996), Overview of Stormwater Program, EPA/833/R-96/008.
- United States Environmental Protection Agency (U.S. EPA) Model Ordinances to Protect Local Resources, <http://www.epa.gov/nps/ordinance/> (Accessed: Jan, 12, 2008)
- United States Environmental Protection Agency (U.S. EPA) Court Petition 9th Circuit Court of Appeals (2003), Environmental Defense Center, et al. v. EPA, No. 00-70014 & consolidated cases.
- United States Environmental Protection Agency (U.S. EPA) (2005), Stormwater Phase II Rule, EPA/833/F-00/004.
- United States Environmental Protection Agency (U.S. EPA) (1998), *Economic Analysis of the Final Phase II Rule*, EPA Guidance.

APPENDIX A
GENERAL PERMIT TX040000

Texas Commission on Environmental Quality

P.O. Box 13087, Austin, Texas 78711-3087



GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM

under provisions of
402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

This permit supersedes and replaces
TPDES General Permit No. TXRo40000, issued December 13, 2013

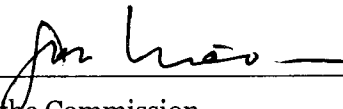
Small Municipal Separate Storm Sewer Systems
located in the state of Texas
may discharge directly to surface water in the state

only according to requirements and 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 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 stormwater and certain non-stormwater 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 permit effective date.

EFFECTIVE DATE: 1-24-19

ISSUED DATE: 1-24-19



For the Commission

**TCEQ GENERAL PERMIT NUMBER TXR040000
RELATING TO DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS**

Table of Contents

Part I. Definitions.....6

Part II. Permit Applicability and Coverage 13

Section A. Small MS4s Eligible for Authorization under this General Permit 13

1. Small MS4s Located in an Urbanized Area 13

2. Designated Small MS4s 13

3. Operators of Previously Permitted Small MS4s 13

4. Regulated Portion of Small MS4 13

5. Categories of Regulated Small MS4s 13

Section B. Available Waivers from Coverage 14

1. Waiver Option 1: 15

2. Waiver Option 2:..... 15

Section C. Allowable Non-Stormwater Discharges..... 16

Section D. Limitations on Permit Coverage 16

1. Discharges Authorized by Another TPDES Permit 16

2. Discharges of Stormwater Mixed with Non-Stormwater 17

3. Compliance with Water Quality Standards 17

4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements .. 17

5. Discharges to the Edwards Aquifer Recharge Zone 21

6. Discharges to Specific Watersheds and Water Quality Areas22

7. Protection of Streams and Watersheds by Home Rule Municipalities22

8. Indian Country Lands.....22

9. Endangered Species Act.....22

10. Other23

Section E. Obtaining Authorization23

1. Application for Coverage23

2. Late Submission of the NOI and SWMP24

3. SWMP General Requirements.....24

4. SWMP Review.....24

5. SWMP Updates Required by TCEQ.....24

6. SWMP Updates25

7. Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation26

8. Contents of the NOI.....27

9. Notice of Change (NOC)28

10. Change in Operational Control of a Small MS4.....28

11. Notice of Termination (NOT)28

12. Signatory Requirement for NOI, NOT, NOC, and Waiver Forms28

13. Fees28

14. Permit Expiration29

15. Suspension of Permit Coverage29

16. Public Notice Process for NOI submittal.....29

Section F. Permitting Options..... 31

1. Authorization Under the General Permit 31

2. Alternative Coverage under an Individual TPDES Permit 31

Part III. Stormwater Management Program (SWMP).....32

Section A. Developing a Stormwater Management Program (SWMP)..... 32

1. SWMP Development and Schedule32

2. Content of the SWMP33

3. Legal Authority33

4. Resources34

5. Effluent Limitations.....34

6. Enforcement Measures.....34

Section B. Minimum Control Measures..... 35

1. Public Education, Outreach, and Involvement..... 35

2. Illicit Discharge Detection and Elimination (IDDE) 36

3. Construction Site Stormwater Runoff Control 40

4. Post Construction Stormwater Management in New Development and Redevelopment 43

5. Pollution Prevention and Good Housekeeping for Municipal Operations44

6. Industrial Stormwater Sources.....50

7. Authorization for Construction Activities where the Small MS4 is the Site Operator.....50

Section C. General Requirements 51

Part IV. Recordkeeping and Reporting52

Section A. Recordkeeping.....52

Section B. Reporting.....52

 1. General Reporting Requirements.....52

 2. Annual Report.....53

Part V. Standard Permit Conditions54

Part VI. Authorization for Municipal Construction Activities – Applicable only if the 7th
Optional MCM is selected56

Section A. Eligible Construction Sites.....56

Section B. Discharges Eligible for Authorization.....56

 1. Stormwater Associated with Construction Activity.....56

 2. Discharges of Stormwater Associated with Construction Support Activities56

 3. Non-Stormwater Discharges57

 4. Other Permitted Discharges57

Section C. Limitations on Permit Coverage57

Section D. Stormwater Pollution Prevention Plan (SWP3) Requirements.....58

Section E. Stormwater Runoff from Concrete Batch Plants58

 1. Benchmark Sampling Requirements.....58

 2. BMPs and SWP3 Requirements60

 3. Prohibition of Wastewater Discharges62

 4. Concrete Truck Wash Out Requirements.....62

Section F. Effective Date of Coverage63

Section G. Deadlines for SWP3 Preparation and Compliance.....63

Section H. Plan Review and Making Plans Available63

Section I. Keeping Plans Current63

Section J. Contents of SWP364

 1. Site Description.....64

 2. Structural and non-structural controls.....65

 3. Stabilization Practices.....65

 4. Structural Control Practices66

 5. Permanent Stormwater Controls.....67

 6. Other Controls67

 7. Effluent Limits.....67

 8. Approved State and Local Plans67

 9. Maintenance67

10. Inspections of Controls.....67

11. Pollution Prevention Measures.....69

Section K. Additional Retention of Records.....69

Part I. Definitions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (a) All soil disturbing activities at the site have been completed and a uniform (for example, evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 percent of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.
- (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 (for example pipelines across crop or range land), final stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use. Areas disturbed that were not previously used for agricultural activities, such as buffer strips immediately adjacent to a surface water and areas which are not being returned to their preconstruction agricultural use must meet the final stabilization conditions of condition (a) above.
- (d) In arid, semi-arid, and drought-stricken areas only, all soil disturbing activities at the site have been completed and both of the following criteria have been met:
 - (1) Temporary erosion control measures (e.g., degradable rolled erosion control product) are selected, designed, and installed along with an appropriate seed base to provide erosion control for at least three years without active maintenance by the operator, and
 - (2) The temporary erosion control measures are selected, designed, and installed to achieve 70 percent vegetative coverage within three years.

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

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

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

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

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

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

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

Implementation Plan (I-Plan) – A detailed plan of action that describes the measures or activities necessary to achieve the pollutant reductions identified in the total maximum daily load (TMDL).

Indian Country - Defined in 18 USC § 1151 as: (a) All land within the limits of any Indian reservation under the jurisdiction of the United States (U.S.) Government, notwithstanding the

issuance of any patent, and including rights-of-way running through the reservation; (b) All dependent Indian communities within the borders of the U.S. whether within the original or subsequently acquired territory thereof, and whether within or without the limits of a state; and (c) All Indian allotments, the Indian titles to which have not been extinguished, including rights-of-way running through the same. This definition includes all land held in trust for an Indian tribe.

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

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

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

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

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

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

- (a) Owned or operated by the U.S., a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over the disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under the CWA §208 that discharges to surface water in the state;
- (b) That is designed or used for collecting or conveying stormwater;
- (c) That is not a combined sewer; and
- (d) That is not part of a publicly owned treatment works (POTW) as defined in 40 CFR §122.2.

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

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

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

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

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

Permittee - The MS4 operator authorized under this general permit.

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

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

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

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

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

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

individual permit as a medium or large municipal separate storm sewer system, as defined in 40 CFR §§122.26(b)(4) and (b)(7).

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

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

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

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

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

Surface Water in the State - Lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico inside the territorial limits of the state (from the mean high water mark (MHW) out 10.36 miles into the Gulf), and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or 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.

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

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

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

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

Part II. Permit Applicability and Coverage

This general permit provides authorization for stormwater and certain non-stormwater 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.

Section A. Small MS4s Eligible for Authorization under this General Permit

Discharges from a small MS4 must be authorized if any of the following criteria are met and may be authorized under this general permit if coverage is not otherwise prohibited.

1. Small MS4s Located in an Urbanized Area

Operators of small MS4s that are fully or partially located within an urbanized area (UA), as determined by the 2000 or 2010 Decennial Censuses by the U.S. Census Bureau, must obtain authorization for the discharge of stormwater runoff and are eligible for coverage under this general permit unless otherwise prohibited.

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, 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 stormwater permit within 180 days of notification of their designation.

3. Operators of Previously Permitted Small MS4s

Operators of small MS4s that were covered under the previous TPDES general permit for small MS4s (TXR040000, issued and effective on December 13, 2013) must reapply for permit coverage, or must obtain a waiver if applicable (see Part II.B, related to Obtaining a Waiver.)

4. Regulated Portion of Small MS4

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 UA as defined and used by the U.S. Census Bureau in the 2000 or 2010 Censuses, as well as any portion of the small MS4 that is designated by TCEQ.

For the purpose of this permit, the regulated portion of a small MS4 for a transportation entity is the land owned by the permittee within the UA which functions as, or is integral to a transportation system with drainage conveyance. Non-contiguous property that does not drain into the transportation drainage system is not subject to this general permit.

5. Categories of Regulated Small MS4s

This permit defines MS4 operators by the following categories, or levels, based on the population served within the 2010 UA. The level of a small MS4 may change during the permit term based on the MS4 operator acquiring or giving up regulated area, such as by annexing land or if land is annexed away. However, the level of a small MS4 will not change during the permit term based on population fluctuation.

The level of an MS4 is based on most the recent Decennial Census at the time of permit issuance. A national Census held during a permit term will not affect the level of an MS4 until the next permit renewal.

- (a) Level 1: Operators of traditional small MS4s that serve a population of less than 10,000 within a UA;
- (b) Level 2: Operators of traditional small MS4s that serve a population of at least 10,000 but less than 40,000 within a UA. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of population served within the UA, unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served;
- (c) Level 3: Operators of traditional small MS4s that serve a population of at least 40,000 but less than 100,000 within a UA;
- (d) Level 4: Operators of traditional small MS4s that serve a population of 100,000 or more within a UA.

For the purpose of this section “serve a population” means the residential population within the regulated portion of the small MS4 based on the 2010 Census, except for non-traditional small MS4s listed in (b) above.

Section B. Available Waivers from Coverage

The TCEQ may waive permitting requirements for small regulated MS4 operators if the criteria are met for Waiver Option 1 or 2 below. To obtain Waiver Option 1, the MS4 operator must submit the request on a waiver form provided by the executive director, or, starting from December 21, 2020, complete the form electronically via the online e-permitting system available through the TCEQ website.

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 30 days after an administratively complete waiver form is postmarked for delivery to the TCEQ, or starting from December 21, 2020, complete the form electronically via the online e-permitting system available through the TCEQ website.

Following review of the waiver form, the executive director may: (1) Determine that the waiver form is technically complete and approve 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 a 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.

At any time the TCEQ may 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.

At any time the TCEQ can request to review any waivers granted to MS4 operators to determine whether any of the information required for granting the waiver has changed. At

a minimum TCEQ will review all waivers when MS4 operators submit their renewal waiver applications.

For the purpose of obtaining a waiver, the population served refers to the residential population for traditional small MS4s and for certain non-traditional small MS4s with a residential population (such as counties and municipal utility districts). For other non-traditional small MS4s, the population served refers to the number of people using the small MS4 on an average operational day.

Effective December 21, 2020, applicants must submit a waiver using the online e-permitting system available through the TCEQ website, or request and obtain a waiver from electronic reporting from the TCEQ. Waivers from electronic reporting are not transferrable and expire on the same date as the authorization.

1. Waiver Option 1:

The small MS4 serves a population of less than 1,000 within a UA and meets the following criteria:

- (a) The small MS4 is not contributing substantially to the pollutant loadings of a physically interconnected MS4 that is regulated by the NPDES / TPDES stormwater program (40 CFR § 122.32(d)); and
- (b) If the small MS4 discharges any pollutant(s) that have been identified as a cause of impairment of any water body to which the small MS4 discharges, stormwater controls are not needed based on wasteload allocations that are part of an EPA approved or established TMDL that addresses the pollutant(s) of concern.

2. Waiver Option 2:

The small MS4 serves a population under 10,000 within a UA and meets the following criteria:

- (a) The TCEQ has evaluated all waters of the U.S., 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 stormwater 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.
- (d) For the purpose of this paragraph (2.), the 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 the small MS4.

Section C. Allowable Non-Stormwater Discharges

The following non-stormwater 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, or they are otherwise prohibited by the MS4 operator:

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 that do not violate Texas Surface Water Quality Standards;
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 that do not violate Texas Surface Water Quality Standards;
14. Street wash water excluding street sweeper waste water;
15. Discharges or flows from emergency 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-stormwater discharges listed in 40 CFR § 122.26(d)(2)(iv)(B)(1);
17. Non-stormwater discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) TXR050000 or the TPDES Construction General Permit (CGP) TXR150000;
18. Discharges that are authorized by a TPDES or NPDES permit or that are not required to be permitted; and
19. Other similar occasional incidental non-stormwater discharges such as spray park water, unless the TCEQ develops permits or regulations addressing these discharges.

Section D. 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 Stormwater Mixed with Non-Stormwater

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

3. Compliance with Water Quality Standards

Discharges to surface water in the state that would cause, has the reasonable potential to 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 except as described in Part II.D.4 below. 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 has the reasonable potential to cause, or contribute to, a violation of water quality standards or is found to cause, have the reasonable potential 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 based on factors described in Part II.F.2.

4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

Discharges of the pollutant(s) of concern to impaired water bodies for which there is a TCEQ and EPA approved TMDL are not eligible for this general permit unless they are consistent with the approved TMDL. A water body is impaired for purposes of the permit if it has been identified, pursuant to the latest TCEQ and EPA approved CWA §303(d) list or the *Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies, as not meeting Texas Surface Water Quality Standards.

The permittee shall check annually, in conjunction with preparation of the annual report, whether an impaired water within its permitted area has been added to the latest EPA approved 303(d) list or the *Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies. Within two years following the approval date of the new list(s) of impaired waters, the permittee shall comply with the requirements of Part II.D.4.(b) (with the exception of (b)(1)c), and shall identify any newly listed waters in the annual report (consistent with Part IV.B.2.f) and SWMP (consistent with Part III.A.2.f).

The permittee shall control the discharges of pollutant(s) of concern to impaired waters and waters with approved TMDLs as provided in sections (a) and (b) below, and shall assess the progress in controlling those pollutants.

(a) Discharges to Water Quality Impaired Water Bodies with an Approved TMDL

If the small MS4 discharges to an impaired water body with an approved TMDL, where stormwater has the potential to cause or contribute to the impairment, the permittee shall include in the SWMP controls targeting the pollutant(s) of concern along with any additional or modified controls required in the TMDL and this section.

The SWMP and required annual reports must include information on implementing any targeted controls required to reduce the pollutant(s) of concern as described below:

(1) Targeted Controls

The SWMP must include a detailed description of all targeted controls to be implemented, such as identifying areas of focused effort or implementing additional Best Management Practices (BMPs) to reduce the pollutant(s) of concern in the impaired waters.

(2) Measurable Goals

For each targeted control, the SWMP must include a measurable goal and an implementation schedule describing BMPs to be implemented during each year of the permit term.

(3) Identification of Benchmarks

The SWMP must identify a benchmark for the pollutant(s) of concern. Benchmarks are designed to assist in determining if the BMPs established are effective in addressing the pollutant(s) of concern in stormwater discharge(s) from the MS4 to the maximum extent practicable (MEP). The BMPs addressing the pollutant of concern must be re-evaluated on an annual basis for progress towards the benchmarks and modified as necessary within an adaptive management framework. These benchmarks are not numeric effluent limitations or permit conditions but intended to be guidelines for evaluating progress towards reducing pollutant discharges consistent with the benchmarks. The exceedance of a benchmark is not a permit violation and does not in itself indicate a violation of instream water quality standards.

The benchmark must be determined based on one of the following options:

- a. If the MS4 is subject to a TMDL that identifies a Waste Load Allocation(s) (WLA) for permitted MS4 stormwater sources, then the SWMP may identify it as the benchmark. Where an aggregate allocation is used as a benchmark, all affected MS4 operators are jointly responsible for progress in meeting the benchmark and shall (jointly or individually) develop a monitoring/assessment plan as required in Part II.D.4(a)(6).
- b. Alternatively, if multiple small MS4s are discharging into the same impaired water body with an approved TMDL, with an aggregate WLA for all permitted stormwater MS4s, then the MS4s may combine or share efforts to determine an alternative sub-benchmark value for the pollutant(s) of concern (e.g., bacteria) for their respective MS4. The SWMP must clearly define this alternative approach and must describe how the sub-benchmark value would cumulatively support the aggregate WLA. Where an aggregate benchmark has

been broken into sub-benchmark values for individual MS4s, each permittee is only responsible for progress in meeting its sub-benchmark value.

(4) Annual Report

The annual report must include an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark value.

(5) Impairment for Bacteria

If the pollutant of concern is bacteria, the permittee shall implement BMPs addressing the below areas, as applicable, in the SWMP and implement as appropriate. If a TMDL Implementation Plan (I-Plan) is available, the permittee may refer to the I-Plan for appropriate BMPs. The SWMP and annual report must include the selected BMPs. Permittees may not exclude BMPs associated with the minimum control measures required under 40 CFR §122.34 from their list of proposed BMPs. Proposed BMPs will be reviewed by the executive director during the NOI and SWMP review and approval process.

The BMPs shall, as appropriate, address the following:

a. Sanitary Sewer Systems

- (i) Make improvements to sanitary sewers to reduce overflows;
- (ii) Address lift station inadequacies;
- (iii) Improve reporting of overflows; and
- (iv) Strengthen sanitary sewer use requirements to reduce blockage from fats, oils, and grease.

b. On-site Sewage Facilities (for entities with appropriate jurisdiction)

- (i) Identify and address failing systems; and
- (ii) Address inadequate maintenance of On-Site Sewage Facilities (OSSFs).

c. Illicit Discharges and Dumping

Place additional effort to reduce waste sources of bacteria; for example, from septic systems, grease traps, and grit traps.

d. Animal Sources

Expand existing management programs to identify and target animal sources such as zoos, pet waste, and horse stables.

e. Residential Education

Increase focus to educate residents on:

- (i) Bacteria discharging from a residential site either during runoff events or directly;
- (ii) Fats, oils, and grease clogging sanitary sewer lines and resulting overflows;
- (iii) Maintenance and operation of decorative ponds; and
- (iv) Proper disposal of pet waste.

(6) Monitoring or Assessment of Progress

The permittee shall develop a Monitoring/Assessment Plan to monitor or assess progress in achieving benchmarks and determine the effectiveness of BMPs, and shall include documentation of this monitoring or assessment in the SWMP and annual reports. In addition, the SWMP must include methods to be used.

- a. The permittee may use either of the following methods to evaluate progress towards the benchmark and improvements in water quality in achieving the water quality standards as follows:

(i) Evaluating Program Implementation Measures

The permittee may evaluate and report progress towards the benchmark by describing the activities and BMPs implemented, by identifying the appropriateness of the identified BMPs, and by evaluating the success of implementing the measurable goals.

The permittee may assess progress by using program implementation indicators such as: (1) number of sources identified or eliminated; (2) decrease in number of illegal dumping; (3) increase in illegal dumping reporting; (4) number of educational opportunities conducted; (5) reductions in sanitary sewer flows (SSOs); or, (6) increase in illegal discharge detection through dry screening, etc.; or

(ii) Assessing Improvements in Water Quality

The permittee may assess improvements in water quality by using available data for segment and assessment units of water bodies from other reliable sources, or by proposing and justifying a different approach such as collecting additional instream or outfall monitoring data, etc. Data may be acquired from TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.

- b. Progress towards achieving the benchmark shall be reported in the annual report. Annual reports shall report the benchmark and the year(s) during the permit term that the MS4 conducted additional sampling or other assessment activities.

(7) Observing no Progress Towards the Benchmark

If, by the end of the third year from the effective date of the permit, the permittee observes no progress toward the benchmark either from program implementation or water quality assessments as described in Part II.D.4(a)(6), the permittee shall identify alternative focused BMPs that address new or increased efforts towards the benchmark or, as appropriate, shall develop a new approach to identify the most significant sources of the pollutant(s) of concern and shall develop alternative focused BMPs for those (this may also include information that identifies issues beyond the MS4's control). These revised BMPs must be included in the SWMP and subsequent annual reports.

Where the permittee originally used a benchmark value based on an aggregated WLA, the permittee may combine or share efforts with other MS4s discharging to the same watershed to determine an alternative sub-benchmark value for the pollutant(s) of concern for their respective MS4s, as described in Part II.D.4(a)(3)(b) above. Permittees must document, in their SWMP for the next permit term, the proposed schedule for the development and subsequent adoption

of alternative sub-benchmark value(s) for the pollutant(s) of concern for their respective MS4s and associated assessment of progress in meeting those individual benchmarks.

(b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL

The permittee shall also determine whether the permitted discharge is directly to one or more water quality impaired water bodies where a TMDL has not yet been approved by TCEQ and EPA. If the permittee discharges directly into an impaired water body without an approved TMDL, the permittee shall perform the following activities:

(1) Discharging a Pollutant of Concern

- a. The permittee shall determine whether the small MS4 may be a source of the pollutant(s) of concern by referring to the CWA §303(d) list and then determining if discharges from the MS4 would be likely to contain the pollutant(s) of concern at levels of concern.
- b. If the permittee determines that the small MS4 may discharge the pollutant(s) of concern to an impaired water body without an approved TMDL, the permittee shall ensure that the SWMP includes focused BMPs, along with corresponding measurable goals, that the permittee will implement, to reduce, the discharge of pollutant(s) of concern that contribute to the impairment of the water body.
- c. In addition, the permittee shall submit an NOC to amend the SWMP in accordance with Part II.E.6 to include any additional BMPs to address the pollutant(s) of concern. This requirement does not apply to BMPs implemented to address impaired waters that are listed after permit authorization pursuant to Part II.D.4.

(2) Impairment of Bacteria

Where the impairment is for bacteria, the permittee shall identify potential significant sources and develop and implement focused BMPs for those sources. The permittee may implement the BMPs listed in Part II.D.4(a)(5) or proposed alternative BMPs as appropriate.

- (3) The annual report must include information on compliance with this section, including results of any sampling conducted by the permittee.

5. Discharges to the Edwards Aquifer Recharge Zone

Discharges of stormwater from regulated small MS4s, and other non-stormwater discharges, are not authorized by this general permit where those discharges are prohibited by 30 TAC Chapter 213 (Edwards Aquifer Rule). 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 (WPAP) under the Edwards Aquifer Rule are in addition to the requirements of this general permit. BMPs and maintenance schedules for structural stormwater 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 stormwater

runoff are in addition to the effluent limitation requirements found in Part VI.D. of this general permit.

The permittee's agency-approved WPAPs that are required by the Edwards Aquifer Rule must be referenced in the SWMP. Additional agency-approved WPAPs received after the SWMP submittal must be recorded in the annual report for each respective permit year. For discharges originating from the small MS4 permitted area, and located on or within ten stream miles upstream of the Edwards Aquifer recharge zone, applicants must also submit a copy of the MS4 NOI to the appropriate TCEQ Regional Office with each WPAP application.

Counties: Comal, Bexar, Medina, Uvalde, and Kinney

Contact:

TCEQ, Water Program Manager
San Antonio Regional Office
14250 Judson Road
San Antonio, Texas 78233-4480
(210) 490-3096

Counties: Williamson, Travis, and Hays

Contact:

TCEQ, Water Program Manager
Austin Regional Office
12100 Park 35 Circle, Bldg. A, Rm 179
Austin, Texas 78753
(512) 339-2929

6. Discharges to Specific Watersheds and Water Quality Areas

Discharges of stormwater from regulated small MS4s and other non-stormwater discharges are not 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 Texas Local Government Code § 401.002.

8. Indian Country Lands

Stormwater runoff from small MS4s that occur 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 stormwater require authorization under federal NPDES regulations, authority for these discharges must be obtained from the U.S. EPA.

9. Endangered Species Act

Discharges that would adversely affect a listed endangered or threatened species or its critical habitat are not authorized by this permit. Federal requirements related to endangered species apply to all TPDES permitted discharges, and site-specific controls may

be required to ensure that protection of endangered or threatened species is achieved. If a permittee has concerns over potential impacts to listed species, the permittee shall contact TCEQ for additional information prior to submittal of the NOI and SWMP. If adverse impact is determined after submittal of the NOI and SWMP or after permit issuance, the permittee shall contact TCEQ immediately to determine corrective action and potential modification to the MS4's permit.

10. 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).

Section E. Obtaining Authorization

1. Application for Coverage

When submitting a notice of intent (NOI) and SWMP, for coverage under this general permit, as described in Parts II.E.3., II.E.8, and Part III, the applicant must follow the public notice and availability requirements found in Part II.E.16 of this general permit.

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 or starting from December 21, 2020, must be submitted electronically via the online e-permitting system available through the TCEQ website.

Following review of the NOI and SWMP, the executive director may determine that: 1) The submission is complete and the NOI and SWMP are approved, 2) The NOI or SWMP are incomplete and deny coverage and require that a new complete NOI and SWMP be submitted, 3) Approve the NOI and 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. Where the executive director approves the submittal, either with or without changes, the applicant must then carry out the public participation provisions in Part II.E.12. Following the completion of the public participation process, the applicant is authorized to discharge upon notification by TCEQ, at which point the permittee is subject to the terms of this permit and the approved terms of the SWMP. 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 a 2000 or 2010 UA (Previously regulated Small MS4s)

Operators of small MS4s described in Part II.A.1 that were required to obtain authorization under the 2013 TPDES General Permit TXR040000 based on the 2000 and 2010 UA maps shall submit an NOI and SWMP within 180 days following the effective date of this general permit.

(b) Designated Small MS4s

Following designation, operators of small MS4s described in Part II.A.2 shall submit an NOI and SWMP, or apply for coverage under an individual TPDES stormwater permit, within 180 days of being notified in writing by the TCEQ of the need to obtain permit coverage.

(c) Individual Permit Alternative

If an operator of a small MS4 described in Part II.A.1. of this general permit elects to apply for an individual permit, the application must be submitted within 90 days following the effective date of this general permit.

Effective December 21, 2020, the NOI and the SWMP must be submitted using the online e-permitting system available through the TCEQ website, unless the permittee requests and obtains an electronic reporting waiver. Waivers from electronic reporting are not transferrable and expire on the same date as the authorization to discharge.

2. Late Submission of the NOI and SWMP

Operators are not prohibited from submitting an NOI and SWMP after the deadlines provided. If a late NOI and SWMP are submitted, then this general permit provides authorization 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. SWMP General Requirements

A SWMP must be developed and submitted with the NOI for eligible discharges that will reach waters of the U.S., including discharges from the regulated small MS4 to other MS4s or to 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. The SWMP must include, as appropriate, the months and years in which the permittee will undertake required actions, including interim milestones and the frequency of the action throughout the permit term.

New elements in the program must be completely implemented within five years of the effective date of this general permit, or within five years of being designated for those small MS4s which are designated following permit issuance. Previously regulated MS4s shall assess existing program elements set forth in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP.

4. SWMP Review

The permittee shall participate in an annual review of its SWMP in conjunction with preparation of the annual report required in Part IV.B.2. Results of the review shall be documented in the annual report.

5. SWMP Updates Required by TCEQ

Changes may be made to the SWMP during the permit term. The TCEQ may notify the permittee of the need to modify the SWMP to be consistent with the general permit, in which case the permittee will have 90 days to finalize such changes to the SWMP.

6. SWMP Updates

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 by submittal and approval of a notice of change (NOC) unless the changes are non-substantial and do not change terms and conditions in the SWMP. Changes may be made as follows:

(a) Changes that do not require an NOC

The following changes may be implemented without submitting an NOC form. The changes may be made immediately following revision of the SWMP:

- (1) Adding (but not subtracting or replacing) components, controls, or requirements to the SWMP;
- (2) Adding areas such as by annexing land, or otherwise acquire additional land that expands the boundary of the MS4, or subtracting areas, such as by de-annexing lands;
- (3) Adding impaired water bodies that are identified pursuant to Part II.D.4; and
- (4) Minor modifications to the SWMP that include administrative or non-substantial changes as follows:
 - a. A change in personnel, or a reorganization of departments responsible for implementing the SWMP;
 - b. Minor clarifications to the existing BMPs;
 - c. Correction of typographical errors;
 - d. Other similar administrative or non-substantive comments.

(b) Changes that require an NOC

Modifications to the SWMP that include the following changes require submittal of an NOC along with those portions of the SWMP that are applicable to the change(s). The changes may be implemented once the permittee receives approval of the NOC.

- (1) Replacing a less effective or infeasible BMP specifically identified in the SWMP with an alternative BMP, (for example, replacing a structural BMP with a non-structural BMP would be considered a replacement). The SWMP update must include documentation of the following:
 - a. An analysis of why the BMP is ineffective or infeasible (including cost prohibitive);
 - b. Expectations of the effectiveness of the replacement BMP; and
 - c. An analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced;
- (2) Requirement for more frequent monitoring or reporting by the permittee; and

- (3) Interim compliance date change in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the existing permit and does not interfere with attainment of the final compliance date requirement.

(c) Changes that require an NOC and Public Notice

All other modifications that changes permit terms and conditions must be submitted on an NOC form along with those portions of the SWMP that are applicable to the changes. The changes may only be implemented following public notice and written approval by TCEQ.

- (1) After receiving an NOC, the TCEQ evaluates if the requested change(s) can be approved and might request additional information from the permittee during the review process. If the request can be approved, the MS4 is required to post the notice of the Executive Director's preliminary determination of the NOC and the revised terms of the SWMP on the MS4's website. If the MS4 does not have a website, the MS4 must notify TCEQ and TCEQ will post the notice on the TCEQ website at <https://www.tceq.texas.gov/>.
- (2) The public comment period begins on the first day the notice is posted on the MS4 or the TCEQ website and ends 30 days later. If the 30th calendar day falls on a date that TCEQ is not open for business, then the public comment period is extended until 5 pm on the next TCEQ business day. If there is a decision to hold a public meeting, then the public comment period will continue until the public meeting has been held. The public may submit comments regarding the proposed changes to the TCEQ Water Quality Division.
- (3) The Executive Director will hold a public meeting (equivalent to a "public hearing" as required by 40 CFR §122.28(d)(2)(ii)) if it is determined there is significant public interest. The Executive Director will post a notice of the public meeting on the TCEQ website at <https://www.tceq.texas.gov/>. The notice of a public meeting will be posted at least 30 days before the meeting and will be held in the county where the MS4 is located or primarily located. TCEQ staff will facilitate the meeting and provide a sign in sheet for attendees to register their names and addresses. The public meeting held under this general permit is not an evidentiary proceeding. If a public meeting is held, the comment period will end at the conclusion of the public meeting.
- (4) The Executive Director, after considering public comment, shall incorporate the NOC changes into the SWMP. Once the revised terms are incorporated into the SWMP, the Executive Director will notify the permittee and the public on the revised terms and conditions of the SWMP.

7. Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation

The permittee shall implement the SWMP:

- (a) On all new areas added to its portion of the MS4 (or where the permittee becomes responsible for implementation of stormwater quality controls) as expeditiously as possible, but no later than three (3) years from addition of the new area.

Implementation may be accomplished in a phased manner to allow additional time for controls that cannot be implemented immediately.

- (b) Within ninety (90) days of a transfer of ownership, operational authority, or responsibility for SWMP implementation, the permittee shall have a plan for implementing the SWMP in all affected areas. The plan must include schedules for implementation, and information on all new annexed areas. Any resulting updates required to the SWMP shall be submitted in the annual report.

8. Contents of the NOI

The NOI must contain the following minimum information:

- (a) MS4 Operator Information
 - (1) The name, mailing address, electronic mail (email) address, telephone number, and facsimile (fax) number of the MS4 operator; and
 - (2) The legal status of the MS4 operator (for example, 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) The name, mailing address, telephone number, email (if available) and fax number of the designated person(s) responsible for implementing or coordinating implementation of the SWMP;
 - (5) A signature and certification on the NOI, according to 30 TAC § 305.44, that a SWMP has been developed according to the provisions of this permit;
 - (6) A statement that the applicant will comply with the Public Participation requirements described in Part II.E.12.;
 - (7) 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 must be identified;
 - (8) The name of any MS4 receiving the discharge prior to discharge into waters of the U.S.;
 - (9) 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;
 - (10) An indication of whether the small MS4 discharges within the Recharge Zone, the Contributing Zone or the Contributing Zone within the Transition Zone of the Edwards Aquifer; and
 - (11) Any other information deemed necessary by the executive director.

9. 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 an 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 Parts II.E.4 through 6. Changes that are made to the SWMP following NOI approval must be made using an NOC form, in accordance with Part II.E.6.

Effective December 21, 2020, applicants must submit an NOC using the online e-permitting system available through the TCEQ website, or request and obtain a waiver from electronic reporting from the TCEQ. Waivers from electronic reporting are not transferrable and expire on the same date as the authorization to discharge.

10. Change in Operational Control of a Small MS4

If the operational control of the regulated small MS4 changes, the previous operator must submit a Notice of Termination (NOT) and the new operator must submit an NOI and SWMP. The NOT and NOI must be submitted concurrently not more than ten (10) calendar days after the change occurs. Existing permittees who are expanding coverage of their MS4 area (e.g., city annexes part of unincorporated county MS4) are not required to submit a new NOI, but must comply with Part II.E.7.

11. 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, or immediately following confirmation of receipt of the electronic NOT form by the TCEQ. A NOT must be submitted within 30 days after the MS4 operator obtains coverage under an individual permit.

Effective December 21, 2020, applicants must submit an NOT using the online e-permitting system available through the TCEQ website, or request and obtain a waiver from electronic reporting from the TCEQ. Waivers from electronic reporting are not transferrable and expire on the same date as the authorization to discharge.

12. 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).

13. Fees

An application fee of \$ 400.00 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 \$100.00 under TWC § 26.0291 and 30 TAC Chapter 205 (relating to General Permits for Waste Discharges).

Effective December 21, 2020, applicants seeking coverage under an NOI or a waiver must submit their application electronically using the online e-permitting system available through the TCEQ website, or request and obtain a waiver from electronic reporting from

the TCEQ. Waivers from electronic reporting are not transferrable and expire on the same date as the authorization to discharge.

14. Permit Expiration

- (a) This general permit is effective for five (5) years from the permit effective date. Authorizations for discharge under the provisions of this general permit will 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 TCEQ for an additional term not to exceed five (5) years.
- (b) If the executive director proposes to reissue this general permit before the expiration date, the general permit will remain in effect until the date on which the commission takes final action on the proposal to reissue this general permit. For existing permittees, general permit coverage will remain in effect after the expiration date of the existing general permit, in accordance with 30 TAC, Chapter 205. No new NOIs will be accepted and no new authorizations will be processed under the general permit after the expiration date.
- (c) Following 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. The renewed permit will include a deadline to apply for coverage, and authorization for existing permittees will be automatically extended until the deadline to apply for coverage, or until an application is submitted for renewal, whichever occurs first.
- (d) If the TCEQ 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 of this general permit, authorization under this expiring general permit remains in effect until the issuance or denial of an individual permit.

15. 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.

16. Public Notice Process for NOI submittal

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

- (a) The applicant shall submit an NOI and SWMP to the executive director. The SWMP must include information about:
 - (1) BMPs the applicant will implement for each of the six MCMs and program elements pursuant to Part II.D (relating to Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements), as appropriate;

- (2) The measurable goals for each of the BMPs and program elements pursuant to Part II.D.4 (relating to Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements), including, as appropriate the months and years in which the applicant will take the required actions, including interim milestones and the frequency of the action; and
 - (3) The person or persons responsible for implementing or coordinating the applicants SWMP.
- (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 decision on the NOI and SWMP.
 - (c) The notice will include the following information, at a minimum:
 - (1) The legal name of the MS4 operator;
 - (2) Indication of whether the NOI is for a new authorization or is a renewal of an existing authorization;
 - (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 a newspaper of general circulation in the municipality or county where the small MS4 is located. If the small MS4 is located in multiple municipalities or counties, the notice must be published at least once in a newspaper of general circulation in the municipality or county containing the largest resident population for the regulated portion of the small MS4. This notice must provide opportunity for the public to submit comments on the NOI and SWMP. In addition, the notice must allow the public to request a public meeting. A public meeting (equivalent to a "public hearing" as required by 40 CFR §122.28(d)(2)(ii)) 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 lasts for at least 30 days. If a public meeting is held, the comment period will end at the closing of the public meeting (see paragraph (f) below). 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 shall 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 shall 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 Chief Clerk.
- (i) The executive director, after considering public comment, will either 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.

Section F. 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 a UA or 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 UA, 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 responsibilities must meet the following conditions:

(a) Participants

The SWMP must clearly list the name and permit number for each MS4 operator that chooses to contribute to development or implementation of the SWMP, and provide written confirmation that the contributing MS4 operator has agreed to contribute. If a contributing small MS4 has submitted a 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 be included in the SWMP.

(b) Responsibilities

Each permittee is entirely responsible for meeting SWMP requirements within the boundaries of its small MS4. Where a separate MS4 operator is contributing to implementation of the SWMP, the SWMP must clearly define each minimum control measure and the component(s) each entity agrees to implement, within which MS4 area(s) each entity agrees to implement 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 a 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. The executive director shall deny or suspend a facility's authorization for disposal under this general permit based on a rating of "unsatisfactory performer" according to commission rules in 30 TAC §60.3, Use of Compliance History. An applicant who owns or operates a facility classified as an "unsatisfactory performer" is entitled to a hearing before the commission prior to having its coverage denied or suspended, in accordance with TWC § 26.040(h).

Part III. Stormwater Management Program (SWMP)

To the extent allowable under state and local law, a SWMP must be developed, implemented, and enforced according to the requirements of Part III of this general permit for stormwater discharges that reach waters of the U.S., regardless of whether the discharge is conveyed through a separately operated storm sewer system. The SWMP must be developed, implemented, and enforced to reduce the discharge of pollutants from the small MS4 to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the CWA and the TWC.

The SWMP must also be implemented and enforced in new MS4 areas added during the permit term. Implementation of appropriate BMPs for the new areas must occur in accordance with Part II.E.7.

A permittee that implements BMPs consistent with the provisions of their permit and SWMP constitutes compliance with the standard of reducing pollutants to the MEP and will be deemed in compliance with Part III of this permit. This permit does not extend any compliance deadlines set forth in the previous permit effective December 13, 2013.

Section A. Developing a Stormwater Management Program (SWMP)

1. SWMP Development and Schedule

(a) Existing regulated small MS4s

Permittees who were regulated under the previous TPDES general permit TXR040000, shall update and submit to the TCEQ an updated SWMP under this general permit along with the NOI for coverage. The NOI and SWMP are due within 180 days of the general permit effective date. The permittee shall continue to operate under the conditions of the previous permit and existing SWMP until the revised SWMP is approved.

(b) Implementation of the SWMP

Existing small MS4 operators shall ensure full implementation of any new elements in the revised SWMP as soon as practicable, but no later than five years from the permit effective date. Previously regulated MS4 operators shall continue to implement existing elements in the approved SWMPs until the revised SWMPs has been approved.

Designated small MS4s must achieve full implementation of the SWMP as soon as practicable, but no later than five years from designation.

2. Content of the SWMP

At a minimum, the permittee shall include the following information in its SWMP:

- (a) A description of Minimum Control Measures (MCM) with measureable goals, including, as appropriate, the months and years when the permittee will undertake required actions, including interim milestones and the frequency of the action for each MCM described in Part III, Section B.
- (b) A measurable goal that includes the development of ordinances or other regulatory mechanisms allowed by state, federal and local law, providing the legal authority necessary to implement and enforce the requirements of this permit, including information on any limitations to the legal authority;
- (c) The measurable goals selected by the permittee must be clear, specific, and measurable.
- (d) A summary of written procedures describing how the permittee will implement the provisions in Parts III and IV of this general permit.
- (e) A description of a program or a plan of compliance with the requirements in Part II.D.4. (relating to Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements)
- (f) Identification of any impaired waters that have been added in accordance with Part II.D.4.

3. Legal Authority

- (a) Traditional small MS4s, such as cities
 - (1) Within two years from the permit effective date, the permittee shall review and revise, if needed, its relevant ordinance(s) or other regulatory mechanism(s), or shall adopt a new ordinance(s) or other regulatory mechanism(s) that provide the permittee with adequate legal authority to control pollutant discharges into and from its small MS4 in order to meet the requirements of this general permit.
 - (2) To be considered adequate, this legal authority must, at a minimum, address the following:
 - a. Authority to prohibit illicit discharges and illicit connections;
 - b. Authority to respond to and contain other releases – Control the discharge of spills, and prohibit dumping or disposal of materials other than stormwater into the small MS4;
 - c. Authority to require compliance with conditions in the permittee's ordinances, permits, contracts, or orders;
 - d. Authority to require installation, implementation, and maintenance of control measures;
 - e. Authority to receive and collect information, such as stormwater plans, inspection reports, and other information deemed necessary to assess compliance with this permit, from operators of construction sites, new or redeveloped land, and industrial and commercial facilities;
 - f. Authority, as needed, to enter and inspect private property including facilities, equipment, practices, or operations related to stormwater discharges to the small MS4;

- g. Authority to respond to non-compliance with BMPs required by the small MS4 consistent with their ordinances or other regulatory mechanism(s);
 - h. Authority to assess penalties, including monetary, civil, or criminal penalties; and
 - i. Ability to enter into interagency or interlocal agreements or other maintenance agreements, as necessary.
- (b) Non-traditional small MS4s, such as counties, drainage districts, transportation entities, municipal utility districts, military bases, prisons, and universities
- (1) 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, contractors, and any other entity over which it has operational control within the portion of the UA under the jurisdiction of the permittee. For discharges from third party actions, the permittee shall perform inspections and exert enforcement authority to the MEP.
 - (2) If the permittee does not have inspection or 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 actions in order to meet the goals of the permit:
 - a. 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,
 - b. If it is not feasible for the permittee to enter into interlocal agreements, the permittee shall notify an adjacent MS4 operator with enforcement authority or the appropriate TCEQ Regional Office to report discharges or incidents that it cannot itself enforce against. In determining feasibility for entering into interlocal agreements, the permittee shall consider all factors, including, without limitations, financial considerations and the willingness of the municipalities in which the small MS4 is located.

4. Resources

It is the permittee's responsibility to ensure that it has adequate resources and funding to implement the requirements of this permit.

5. Effluent Limitations

The controls and BMPs included in the SWMP constitute effluent limitations for the purposes of compliance with state rules. This includes the requirements of 30 TAC Chapter 319, Subchapter B, which lists the maximum allowable concentrations of hazardous metals for discharge to water in the state.

6. Enforcement Measures

Permittees with enforcement authority (i.e. traditional small MS4s) shall develop a standard operating procedure (SOP) to respond to violations to the extent allowable under state and local law. When the permittee does not have enforcement authority over the violator, and the violations continue after violator has been notified by the permittee, or the source of the illicit discharge is outside the MS4's boundary, the permittee shall notify either the adjacent MS4 operator with enforcement authority or the appropriate TCEQ Regional Office.

Section B. Minimum Control Measures

Operators of small MS4s seeking coverage under this general permit shall develop and implement a SWMP that includes the following six minimum control measures (MCMs), as applicable.

All program elements must be implemented according to the schedule mentioned in Part III.A. All six MCMs apply to all MS4s regardless of their level as described in Part II.A.5. Specific program elements under each MCM shall be implemented by all MS4 operators, unless it is specifically stated that particular program elements only are applicable for certain levels of small MS4s.

Permittees shall provide justification within the SWMP for any requirements that were not implemented because they were not feasible as described in each MCM.

1. Public Education, Outreach, and Involvement**(a) Public Education and Outreach**

- (1) All permittees shall develop, implement, and maintain a comprehensive stormwater education and outreach program to educate public employees, businesses, and the general public of hazards associated with the illegal discharges and improper disposal of waste and about the impact that stormwater discharges can have on local waterways, as well as the steps that the public can take to reduce pollutants in stormwater.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. The program must, at a minimum:

- a. Define the goals and objectives of the program based on high priority community-wide issues (for example, reduction of nitrogen in discharges from the small MS4, promoting previous techniques used in the small MS4, or improving the quality of discharges to the Edwards Aquifer);
 - b. Identify the target audience(s);
 - c. Develop or utilize appropriate educational materials, such as printed materials, billboard and mass transit advertisements, signage at select locations, radio advertisements, television advertisements, and websites;
 - d. Determine cost effective and practical methods and procedures for distribution of materials.
- (2) Throughout the permit term, all permittees shall make the educational materials available to convey the program's message to the target audience(s) at least annually.
 - (3) If the permittee has a public website, the permittee shall post its SWMP and the annual reports required under Part IV.B.2. or a summary of the annual report on the permittee's website. The SWMP must be posted no later than 30 days after the approval date, and the annual report no later than 30 days after the due date.
 - (4) All permittees shall annually review and update the SWMP and MCM implementation procedures required by Part III.A.2., as necessary. Any changes

must be reflected in the annual report. Such written procedures must be maintained, either on site or in the SWMP and made available for inspection by the TCEQ.

- (5) MS4 operators may partner with other MS4 operators to maximize the program and cost effectiveness of the required outreach.

(b) Public Involvement

All permittees shall involve the public, and, at minimum, comply with any state and local public notice requirements in the planning and implementation activities related to developing and implementing the SWMP, except that correctional facilities are not required to implement this portion of the MCM.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. At a minimum, all permittees shall:

- (1) Consider using public input (for example, the opportunity for public comment, or public meetings) in the implementation of the program;
- (2) Create opportunities for citizens to participate in the implementation of control measures, such as stream clean-ups, storm drain stenciling, volunteer monitoring, volunteer "Adopt-A-Highway" programs, and educational activities;
- (3) Ensure the public can easily find information about the SWMP.

2. Illicit Discharge Detection and Elimination (IDDE)

(a) Program Development

- (1) All permittees shall develop, implement, and enforce a program to detect, investigate, and eliminate illicit discharges into the small MS4. The program must include a plan to detect and address non-stormwater discharges, including illegal dumping to the MS4 system.

Existing permittees must assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of this permit term. (See also Part III.A.1(c).

The Illicit Discharge Detection and Elimination (IDDE) program must include the following:

- a. An up-to-date MS4 map (see Part III.B.2.(c)(1));
- b. Methods for informing and training MS4 field staff (see Part III.B.2.(c)(2));
- c. Procedures for tracing the source of an illicit discharge (see Part III.B.2.(c)(5));
- d. Procedures for removing the source of the illicit discharge (see Part III.B.2.(c)(5));

- e. For Level 2, 3 and 4 small MS4s, if applicable, procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4;
 - f. For Level 4 small MS4s, procedures for identifying priority areas within the small MS4 likely to have illicit discharges, and a list of all such areas identified in the small MS4 (see Part III.B.2.(e)(1));
 - g. For Level 4 small MS4s, field screening to detect illicit discharges (see Part III.B.2.(e)(2)); and
 - h. For Level 4 small MS4s, procedures to reduce the discharge of floatables in the MS4. (see Part III.B.2.(e)(3).)
- (2) For non-traditional small MS4s, if illicit connections or illicit discharges are observed related to another operator's MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 operator is not practicable, then the permittee shall notify the appropriate TCEQ Regional Office of the possible illicit connection or illicit discharge.
- (3) If another MS4 operator notifies the permittee of an illegal connection or illicit discharge to the small MS4, then the permittee shall follow the requirements specified in Part III.B.2.(c)(3).
- (4) All permittees shall annually review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be reflected in the annual report. Such written procedures must be maintained, either on site or in the SWMP and made available for inspection by the TCEQ.
- (b) Allowable Non-Stormwater Discharges

Non-stormwater flows listed in Part II.C do not need to be considered by the permittee as an illicit discharge requiring elimination unless the permittee or the TCEQ identifies the flow as a significant source of pollutants to the small MS4.

(c) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.2(c)(1)-(6)

(1) MS4 mapping

All permittees shall maintain an up-to-date MS4 map, which must be located on site and available for review by the TCEQ. The MS4 map must show at a minimum the following information:

- a. The location of all small MS4 outfalls that are operated by the permittee and that discharge into waters of the U.S;
- b. The location and name of all surface waters receiving discharges from the small MS4 outfalls; and
- c. Priority areas identified under Part III.B.2.(e)(1), if applicable.

(2) Education and Training

All permittees shall implement a method for informing or training all the permittee's field staff that may come into contact with or otherwise observe an illicit discharge or illicit connection to the small MS4 as part of their normal job responsibilities. Training program materials and attendance lists must be maintained on site and made available for review by the TCEQ.

(3) **Public Reporting of Illicit Discharges and Spills**

All permittees shall publicize and facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4. The permittee shall provide a central contact point to receive reports; for example by including a phone number for complaints and spill reporting.

(4) All permittees shall develop and maintain on-site procedures for responding to illicit discharges and spills.

(5) **Source Investigation and Elimination**

a. **Minimum Investigation Requirements** – Upon becoming aware of an illicit discharge, all permittees shall conduct an investigation to identify and locate the source of such illicit discharge as soon as practicable.

(i) All permittees shall prioritize the investigation of discharges based on their relative risk of pollution. For example, sanitary sewage may be considered a high priority discharge.

(ii) All permittees shall report to the TCEQ immediately upon becoming aware of the occurrence of any illicit flows believed to be an immediate threat to human health or the environment.

(iii) All permittees shall track all investigations and document, at a minimum, the date(s) the illicit discharge was observed; the results of the investigation; any follow-up of the investigation; and the date the investigation was closed.

b. **Identification and Investigation of the Source of the Illicit Discharge** –All permittees shall investigate and document the source of illicit discharges where the permittees have jurisdiction to complete such an investigation. If the source of illicit discharge extends outside the permittee's boundary, all permittees shall notify the adjacent permitted MS4 operator or the appropriate TCEQ Regional Office according to Part III.A.3.b.

c. **Corrective Action to Eliminate Illicit Discharge**

If and when the source of the illicit discharge has been determined, all permittees shall immediately notify the responsible party of the problem, and shall require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge.

(6) **Inspections** –The permittee shall conduct inspections, in response to complaints, and shall conduct follow-up inspections to ensure that corrective measures have been implemented by the responsible party.

The permittee shall develop written procedures describing the basis for conducting inspections in response to complaints and conducting follow-up inspections.

(d) **Additional Requirements for Level 3 and 4 small MS4s**

In addition to the requirements described in Parts III.B.2(c)(1)-(6) above, permittees who operate Level 3 and 4 small MS4s shall meet the following requirements:

Source Investigation and Elimination

Permittees who operate Level 3 and 4 small MS4 shall upon being notified that the discharge has been eliminated, conduct a follow-up investigation or field screening, consistent with Part III.B.2.(e)(2), to verify that the discharge has been eliminated. The

permittee shall document its follow-up investigation. The permittee may seek recovery and remediation costs from responsible parties consistent with Part III.A.3., and require compensation related costs. Resulting enforcement actions must follow the procedures for enforcement action in Part III.A.3. If the suspected source of the illicit discharge is authorized under an NPDES/TPDES permit or the discharge is listed as an authorized non-stormwater discharge, as described in Part III.C, no further action is required.

(e) Additional Requirements for Level 4 small MS4s

In addition to the requirements described in Parts III.B.2(c)-(d) above, permittees who operate Level 4 small MS4s shall meet the following requirements:

(1) Identification of Priority Areas

Permittees who operate Level 4 small MS4s shall identify priority areas likely to have illicit discharges and shall document the basis for the selection of each priority area and shall create a list of all priority areas identified. This priority area list must be available for review by the TCEQ.

(2) Dry Weather Field Screening

By the end of the permit term, permittees who operate Level 4 small MS4s shall develop and implement a written dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. Dry weather field screening must consist of (1) field observations; and (2) field screening according to item (2)c. below.

If dry weather field screening is necessary, at a minimum, the permittee shall:

- a. Conduct dry weather field screening in priority areas as identified by the permittee in Part III.B.2(e)(1). By the end of the permit term, all of those priority areas, although not necessarily all individual outfalls must be screened.
- b. Field observation requirements – The permittee shall develop written procedures for observing flows from outfalls when there has been at least 72 hours of dry weather. The written procedures must include the basis used to determine which outfalls will be observed. The permittee shall record visual observations such as odor, color, clarity, floatables, deposits, or stains.
- c. Field screening requirements – The permittee shall develop written procedures to determine which dry weather flows will be screened, based on results of field observations or complaint from the public or the permittee's trained field staff. At a minimum, when visual observations indicate a potential problem such as discolored flows, foam, surface sheen, and other similar indicators of contamination, the permittee shall conduct a field screening analysis for selected indicator pollutants. The basis for selecting the indicator pollutants must be described in the written procedures. Screening methodology may be modified based on experience gained during the actual field screening activities. The permittee shall document the method used.

(3) Reduction of Floatables

The permittee shall implement a program to reduce the discharge of floatables (for example, litter and other human-generated solid refuse) in the MS4. The MS4 shall include source controls at a minimum and structural controls and other appropriate controls where necessary.

The permittee shall maintain two locations where floatable material can be removed before the stormwater is discharged to or from the MS4. Floatable material shall be collected at the frequency necessary for maintenance of the removal devices, but not less than twice per year. The amount of material collected shall be estimated by weight, volume, or by other practical means. Results shall be included in the annual report.

3. Construction Site Stormwater Runoff Control

(a) Requirements and Control Measures

- (1) All permittees shall develop, implement, and enforce a program requiring operators of small and large construction activities, as defined in Part I of this general permit, to select, install, implement, and maintain stormwater control measures that prevent illicit discharges to the MEP. The program must include the development and implementation of an ordinance or other regulatory mechanism, as well as sanctions to ensure compliance to the extent allowable under state, federal, and local law, to require erosion and sediment control.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the the program fully implemented by the end of this permit term.

If TCEQ waives requirements for stormwater discharges associated with small construction from a specific site(s), the permittee is not required to enforce the program to reduce pollutant discharges from such site(s).

(b) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.3(b)(1)-(7)

- (1) All permittees shall annually review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be included in the annual report. Such written procedures must be maintained on site or in the SWMP and made available for inspection by the TCEQ.
- (2) All permittees shall require that construction site operators implement appropriate erosion and sediment control BMPs. The permittee's construction program must ensure the following minimum requirements are effectively implemented for all small and large construction activities discharging to its small MS4.
 - a. Erosion and Sediment Controls - Design, install and maintain effective erosion controls and sediment controls to minimize the discharge of pollutants.
 - b. Soil Stabilization - Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed as soon as practicable, but no more than 14 calendar days after the initiation of soil stabilization measures. In arid, semiarid, and drought-stricken areas, where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed.

The permittee shall develop written procedures that describes initiating and completing stabilization measures for construction sites.

- c. BMPs – Design, install, implement, and maintain effective BMPs to minimize the discharge of pollutants to the small MS4. At a minimum, such BMPs must be designed, installed, implemented and maintained to:
 - (i) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters;
 - (ii) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste and other materials present on the site to precipitation and to stormwater; and
 - (iii) Minimize the discharge of pollutants from spills and leaks.
 - d. As an alternative to (a) through (c) above, all permittees shall ensure that all small and large construction activities discharging to the small MS4 have developed and implemented a stormwater pollution prevention plan (SWP3) in accordance with the TPDES CGP TXR150000. In arid, semiarid, and drought-stricken areas where initiating vegetative stabilization measures immediately is infeasible, alternative stabilization measures must be employed and described in the written procedure required in item (2)b. above. As an alternative, vegetative stabilization measures may be implemented as soon as practicable.
- (3) Prohibited Discharges - The following discharges are prohibited:
- a. Wastewater from washout of concrete and wastewater from water well drilling operations, unless managed by an appropriate control;
 - b. Wastewater from washout and cleanout of stucco, paint, from release oils, and other construction materials;
 - c. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
 - d. Soaps or solvents used in vehicle and equipment washing; and
 - e. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs.

(4) Construction Plan Review Procedures

To the extent allowable by state, federal, and local law, all permittees shall maintain and implement site plan review procedures that describe which plans will be reviewed as well as when an operator may begin construction. For those permittees without legal authority to enforce site plan reviews, this requirement is limited to those sites operated by the permittee and its contractors and located within the permittee's regulated area. The site plan procedures must meet the following minimum requirements:

- a. The site plan review procedures must incorporate consideration of potential water quality impacts.
- b. The permittee may not approve any plans unless the plans contain appropriate site specific construction site control measures that, at a minimum, meet the requirements described in Part III.B.3.(a) or in the TPDES CGP, TXR150000.

The permittee may require and accept a plan, such as a SWP3, that has been developed pursuant to the TPDES CGP, TXR150000.

(5) Construction Site Inspections and Enforcement

To the extent allowable by state, federal, and local law, all permittees shall implement procedures for inspecting large and small construction projects. Permittees without legal authority to inspect construction sites shall at a minimum conduct inspection of sites operated by the permittee or its contractors and that are located in the permittee's regulated area.

- a. The permittee shall conduct inspections based on the evaluation of factors that are a threat to water quality, such as: soil erosion potential; site slope; project size and type; sensitivity of receiving waterbodies; proximity to receiving waterbodies; non-stormwater discharges; and past record of non-compliance by the operators of the construction site.
- b. Inspections must occur during the active construction phase.
 - (i) All permittees shall develop and implement updated written procedures outlining the inspection and enforcement requirements. These procedures must be maintained on-site or in the SWMP and be made available to TCEQ.
 - (ii) Inspections of construction sites must, at a minimum:
 1. Determine whether the site has appropriate coverage under the TPDES CGP, TXR150000. If no coverage exists, notify the permittee of the need for permit coverage;
 2. Conduct a site inspection to determine if control measures have been selected, installed, implemented, and maintained according to the small MS4's requirements;
 3. Assess compliance with the permittee's ordinances and other regulations; and
 4. Provide a written or electronic inspection report.
- c. Based on site inspection findings, all permittees shall take all necessary follow-up actions (for example, follow-up-inspections or enforcement) to ensure compliance with permit requirements and the SWMP. These follow-up and enforcement actions must be tracked and maintained for review by the TCEQ.

For non-traditional small MS4s with no enforcement powers, the permittee shall notify the adjacent MS4 operator with enforcement authority or the appropriate TCEQ Regional Office according to Part III.A.3(b).

(6) Information submitted by the Public

All permittees shall develop, implement, and maintain procedures for receipt and consideration of information submitted by the public.

(7) MS4 Staff Training

All permittees shall ensure that all staff whose primary job duties are related to implementing the construction stormwater program (including permitting, plan review, construction site inspections, and enforcement) are informed or trained to

conduct these activities. The training may be conducted by the permittee or by outside trainers.

(c) Additional Requirements for Level 3 and 4 small MS4s

In addition to the requirements described in Parts III.B.3(b)(1)-(7) above, permittees who operate Level 3 and 4 small MS4s shall meet the following requirements:

Construction Site Inventory

Permittees who operate Level 3 and 4 small MS4s shall maintain an inventory of all permitted active public and private construction sites, that result in a total land disturbance of one or more acres or that result in a total land disturbance of less than one acre if part of a larger common plan or development or sale. Notification to the small MS4 must be made by submittal of a copy of an NOI or a small construction site notice, as applicable. The permittee shall make this inventory available to the TCEQ upon request.

4. Post Construction Stormwater Management in New Development and Redevelopment

(a) Post-Construction Stormwater Management Program

- (1) All permittees shall develop, implement, and enforce a program, to the extent allowable under state, federal, and local law, to control stormwater discharges from new development and redeveloped sites that discharge into the small MS4 that disturb one acre or more, including projects that disturb less than one acre that are part of a larger common plan of development or sale. The program must be established for private and public development sites. The program may utilize an offsite mitigation and payment in lieu of components to address this requirement.

Existing permittees shall assess program elements that were described in the previous permit and modify as necessary to continue reducing the discharge of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly regulated permittees shall have the program fully implemented by the end of the permit term.

- (2) All permittees shall use, to the extent allowable under state, federal, and local law and local development standards, an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects. The permittees shall establish, implement, and enforce a requirement that owners or operators of new development and redeveloped sites design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality. If the construction of permanent structures is not feasible due to space limitations, health and safety concerns, cost effectiveness, or highway construction codes, the permittee may propose an alternative approach to TCEQ. Newly regulated permittees shall have the program element fully implemented by the end of the permit term.

(b) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.4.(b)(1)-(3)

- (1) All permittees shall annually review and update as necessary, the SWMP and MCM implementation procedures required by Part III.A.2. Any changes must be

included in the annual report. Such written procedures must be maintained either on site or in the SWMP and made available for inspection by TCEQ.

- (2) All permittees shall document and maintain records of enforcement actions and make them available for review by the TCEQ.
- (3) Long-Term Maintenance of Post-Construction Stormwater Control Measures
All permittees shall, to the extent allowable under state, federal, and local law, ensure the long-term operation and maintenance of structural stormwater control measures installed through one or both of the following approaches:
 - a. Maintenance performed by the permittee. (See Part III.B.5)
 - b. Maintenance performed by the owner or operator of a new development or redeveloped site under a maintenance plan. The maintenance plan must be filed in the real property records of the county in which the property is located. The permittee shall require the owner or operator of any new development or redeveloped site to develop and implement a maintenance plan addressing maintenance requirements for any structural control measures installed on site. The permittee shall require operation and maintenance performed is documented and retained on site, such as at the offices of the owner or operator, and made available for review by the small MS4.

(c) Additional Requirements for Level 4 small MS4s

In addition to the requirements described in Parts III.B.5(b)(1)-(3), permittees who operate Level 4 small MS4s shall meet the following requirements:

Inspections - Permittees who operate Level 4 small MS4s shall develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained as required consistent with its applicable maintenance plan. For small MS4s with limited enforcement authority, this requirement applies to the structural controls owned and operated by the small MS4 or its contractors that perform these activities within the small MS4's regulated area.

Inspection Reports - The permittee shall document its inspection findings in an inspection report and make them available for review by the TCEQ.

5. Pollution Prevention and Good Housekeeping for Municipal Operations

(a) Program development

All permittees shall develop and implement an operation and maintenance program, including an employee training component that has the ultimate goal of preventing or reducing pollutant runoff from municipal activities and municipally owned areas including but not limited to park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations.

Existing permittees shall assess program elements that were described in the previous permit, modify as necessary, and develop and implement new elements, as necessary, to continue reducing the discharges of pollutants from the MS4 to the MEP. New elements must be fully implemented by the end of this permit term and newly

regulated permittees shall have the program fully implemented by the end of this permit term. (See also Part III.A.1.(c))

(b) Requirements for all Permittees

All permittees shall include the requirements described below in Parts III.B.5.(1)-(6) in the program:

(1) Permittee-owned Facilities and Control Inventory

All permittees shall develop and maintain an inventory of facilities and stormwater controls that it owns and operates within the regulated area of the small MS4. The inventory must include all applicable permit numbers, registration numbers, and authorizations for each facility or controls. The inventory must be available for review by TCEQ and must include, but is not limited, to the following, as applicable:

- a. Composting facilities;
- b. Equipment storage and maintenance facilities;
- c. Fuel storage facilities;
- d. Hazardous waste disposal facilities;
- e. Hazardous waste handling and transfer facilities;
- f. Incinerators;
- g. Landfills;
- h. Materials storage yards;
- i. Pesticide storage facilities;
- j. Buildings, including schools, libraries, police stations, fire stations, and office buildings;
- k. Parking lots;
- l. Golf courses;
- m. Swimming pools;
- n. Public works yards;
- o. Recycling facilities;
- p. Salt storage facilities;
- q. Solid waste handling and transfer facilities;
- r. Street repair and maintenance sites;
- s. Vehicle storage and maintenance yards; and
- t. Structural stormwater controls.

(2) Training and Education

All permittees shall inform or train appropriate employees involved in implementing pollution prevention and good housekeeping practices. All permittees shall maintain a training attendance list for inspection by TCEQ when requested.

- (3) Disposal of Waste Material - Waste materials removed from the small MS4 must be disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable.
- (4) Contractor Requirements and Oversight
 - a. Any contractors hired by the permittee to perform maintenance activities on permittee-owned facilities must be contractually required to comply with all of the stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures described in Parts III B.5.(b)(2)-(6).
 - b. All permittees shall provide oversight of contractor activities to ensure that contractors are using appropriate control measures and SOPs. Oversight procedures must be maintained on-site and made available for inspection by TCEQ.
- (5) Municipal Operation and Maintenance Activities
 - a. Assessment of permittee-owned operations

All permittees shall evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater, including but not limited to:

 - (i) Road and parking lot maintenance, including such areas as pothole repair, pavement marking, sealing, and re-paving;
 - (ii) Bridge maintenance, including such areas as re-chipping, grinding, and saw cutting;
 - (iii) Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and
 - (iv) Right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation.
 - b. All permittees shall identify pollutants of concern that could be discharged from the above O&M activities (for example, metals; chlorides; hydrocarbons such as benzene, toluene, ethyl benzene, and xylenes; sediment; and trash).
 - c. All permittees shall develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the above activities. These pollution prevention measures may include the following examples:
 - (i) Replacing materials and chemicals with more environmentally benign materials or methods;
 - (ii) Changing operations to minimize the exposure or mobilization of pollutants to prevent them from entering surface waters; and
 - (iii) Placing barriers around or conducting runoff away from deicing chemical storage areas to prevent discharge into surface waters.
 - d. Inspection of pollution prevention measures - All pollution prevention measures implemented at permittee-owned facilities must be visually inspected to ensure they are working properly. The permittee shall develop written procedures that describes frequency of inspections and how they will

be conducted. A log of inspections must be maintained and made available for review by the TCEQ upon request.

(6) Structural Control Maintenance

If BMPs include structural controls, maintenance of the controls must be performed by the permittee and consistent with maintaining the effectiveness of the BMP. The permittee shall develop written procedures that define the frequency of inspections and how they will be conducted.

(c) Additional Requirements for Level 3 and 4 small MS4s:

In addition to the requirements described in Parts.B.5.(b)(1)-(6) above, permittees who operate Level 3 or 4 small MS4s shall meet the following requirements:

(1) Storm Sewer System Operation and Maintenance

- a. Permittees who operate Level 3 or 4 small MS4s shall develop and implement an O&M program to reduce to the maximum extent practicable the collection of pollutants in catch basins and other surface drainage structures.
- b. Permittees who operate Level 3 or 4 small MS4s shall develop a list of potential problem areas. The permittees shall identify and prioritize problem areas for increased inspection (for example, areas with recurrent illegal dumping).

(2) Operation and Maintenance Program to Reduce Discharges of Pollutants from Roads

Permittees who operate Level 3 or 4 small MS4s shall implement an O&M program that includes at least one of the following: a street sweeping and cleaning program, or an equivalent BMP such as an inlet protection program, which must include an implementation schedule and a waste disposal procedure. The basis for the decision must be included in the SWMP. If a street sweeping and cleaning program is implemented, the permittee shall evaluate the following permittee-owned and operated areas for the program: streets, road segments, and public parking lots including, but not limited to, high traffic zones, commercial and industrial districts, sport and event venues, and plazas, as well as areas that consistently accumulate high volumes of trash, debris, and other stormwater pollutants.

- a. Implementation schedules – If a sweeping program is implemented, the permittee shall sweep the areas in the program (for example, the streets, roads, and public parking lots) in accordance with a frequency and schedule determined in the permittee's O&M program.
- b. For areas where street sweeping is technically infeasible (for example, streets without curbs), the permittee shall focus implementation of other trash and litter control procedures, or provide inlet protection measures to minimize pollutant discharges to storm drains and creeks.
- c. Sweeper Waste Material Disposal – If utilizing street sweepers, the permittee shall develop a procedure to dewater and dispose of street sweeper waste material and shall ensure that water and material will not reenter the small MS4.

(3) Mapping of Facilities

Permittees who operate Level 3 or 4 small MS4s shall, on a map of the area regulated under this general permit, identify where the permittee-owned and operated facilities and stormwater controls are located.

(4) Facility Assessment

Permittees who operate Level 3 or 4 small MS4s shall perform the following facility assessment in the regulated portion of the small MS4 operated by the permittee:

- a. Assessment of Facilities' Pollutant Discharge Potential - The permittee shall review the facilities identified in Part III.B.5.(b) once per permit term for their potential to discharge pollutants into stormwater.
- b. Identification of *high priority* facilities - Based on the Part III.B.5.(c)(4)a. assessment, the permittee shall identify as *high priority* those facilities that have a high potential to generate stormwater pollutants and shall document this in a list of these facilities. Among the factors that must be considered in giving a facility a high priority ranking are the amount of urban pollutants stored at the site, the identification of improperly stored materials, activities that must not be performed outside (for example, changing automotive fluids, vehicle washing), proximity to waterbodies, proximity to sensitive aquifer recharge features, poor housekeeping practices, and discharge of pollutant(s) of concern to impaired water(s). High priority facilities must include, at a minimum, the permittee's maintenance yards, hazardous waste facilities, fuel storage locations, and any other facilities at which chemicals or other materials have a high potential to be discharged in stormwater.
- c. Documentation of Assessment Results - The permittee shall document the results of the assessments and maintain copies of all site evaluation checklists used to conduct the assessments. The documentation must include the results of the permittee's initial assessment, and any identified deficiencies and corrective actions taken.

(5) Development of Facility Specific SOPs

Permittees who operate Level 3 or 4 small MS4s shall develop facility specific stormwater management SOPs. The permittee may utilize existing plans or documents that may contain the following required information:

- a. For each high priority facility identified in Part III.B.5.(c)(4)b., the permittee shall develop a SOP that identifies BMPs to be installed, implemented, and maintained to minimize the discharge of pollutants in stormwater from each facility.
- b. A hard or electronic copy of the facility-specific stormwater management SOP (or equivalent existing plan or document) must be maintained and be available for review by the TCEQ. The SOP must be kept on site when possible and must be kept up to date.

(6) Stormwater Controls for High Priority Facilities

Permittees who operate Level 3 or 4 small MS4s shall implement the following stormwater controls at all high priority facilities identified in Part III.B.5.(c)(4)b. A description of BMPs developed to comply with this requirement must be included in each facility specific SOP:

- a. General good housekeeping – Material with a potential to contribute to stormwater pollution must be sheltered from exposure to stormwater.
- b. De-icing and anti-icing material storage - The permittee shall ensure, to the MEP, that stormwater runoff from storage piles of salt and other de-icing and anti-icing materials is not discharged; or shall ensure that any discharges from the piles are authorized under a separate discharge permit.
- c. Fueling operations and vehicle maintenance - The permittee shall develop SOPs (or equivalent existing plans or documents) that address spill prevention and spill control at permittee-owned and operated vehicle fueling, vehicle maintenance, and bulk fuel delivery facilities.
- d. Equipment and vehicle washing - The permittee shall develop SOPs that address equipment and vehicle washing activities at permittee-owned and operated facilities. The discharge of equipment and vehicle wash water to the small MS4 or directly to receiving waters from permittee-owned facilities is not authorized under this general permit. To ensure that wastewater is not discharged under this general permit, the permittee's SOP may include installing a vehicle wash reclaim system, capturing and hauling the wastewater for proper disposal, connecting to sanitary sewer (where applicable and approved by local authorities), ceasing the washing activity, or applying for and obtaining a separate TPDES permit.

(7) Inspections

Permittees who operate Level 3 or 4 small Ms4s shall develop and implement an inspection program, which at a minimum must include periodic inspections of high priority permittee-owned facilities. The results of the inspections and observations must be documented and available for review by the TCEQ.

(d) Additional Requirements for Level 4 small MS4s:

In addition to all the requirements described in Parts III.B.5(b) and III.B.5.(c) above, permittees who operate Level 4 small MS4s shall meet the following requirements:

(1) Pesticide, Herbicide, and Fertilizer Application and Management

- a. Landscape maintenance - The permittee shall evaluate the materials used and activities performed on public spaces owned and operated by the permittee such as parks, schools, golf courses, easements, public rights of way, and other open spaces for pollution prevention opportunities. Maintenance activities for the turf landscaped portions of these areas may include mowing, fertilization, pesticide application, and irrigation. Typical pollutants include sediment, nutrients, hydrocarbons, pesticides, herbicides, and organic debris.
- b. The permittee shall implement the following practices to minimize landscaping-related pollutant generation with regard to public spaces owned and operated by the permittee:
 - (i) Educational activities, permits, certifications, and other measures for the permittee's applicators and distributors.
 - (ii) Pest management measures that encourage non-chemical solutions where feasible. Examples may include:
 - (a) Use of native plants or xeriscaping;

- (b) Keeping clippings and leaves out the small MS4 and the street by encouraging mulching, composting, or landfilling;
 - (c) Limiting application of pesticides and fertilizers if precipitation is forecasted within 24 hours, or as specified in label instructions;
 - (d) Reducing mowing of grass to allow for greater pollutant removal, but not jeopardizing motorist safety.
- c. The permittee shall develop schedules for chemical application in public spaces owned and operated by the permittee that minimize the discharge of pollutants from the application due to irrigation and expected precipitation.
 - d. The permittee shall ensure collection and proper disposal of the permittee's unused pesticides, herbicides, and fertilizers.
- (2) Evaluation of Flood Control Projects

The permittee shall assess the impacts of the receiving water(s) for all flood control projects. New flood control structures must be designed, constructed, and maintained to provide erosion prevention and pollutant removal from stormwater. The retrofitting of existing structural flood control devices to provide additional pollutant removal from stormwater shall be implemented to the maximum extent practicable.

6. Industrial Stormwater Sources

Permittees operating a Level 4 small MS4 shall include the requirements described below in Part III. B.6(a) and (b) – this requirement is only applicable to Level 4 MS4s

- (a) Permittees who operate Level 4 small MS4s shall identify and control pollutants in stormwater discharges to the small MS4 from permittee's landfills; other treatment, storage, or disposal facilities for municipal waste (for example, transfer stations and incinerators); hazardous waste treatment, storage, disposal and recovery facilities and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA) Title III, Section 313; and any other industrial or commercial discharge the permittee determines are contributing a substantial pollutant loading to the small MS4.
- (b) The program must include priorities and procedures for inspections and for implementing control measures for such industrial discharges.

7. Authorization for Construction Activities where the Small MS4 is the Site Operator

The development of this MCM for construction activities, where the small MS4 is the site operator, is optional and provides an alternative to the MS4 operator seeking coverage under TPDES CGP, TXR150000 for each construction activity. Permittees that choose to develop this measure will be authorized to discharge stormwater and certain non-stormwater from construction activities where the MS4 operator meets the definition of a construction site operator in Part I of this general permit.

When developing this measure, permittees are required to meet all requirements of, and be consistent with, applicable effluent limitation guidelines for the Construction and Development industry (40 CFR Part 450), TPDES CGP TXR150000, and Part III.B.3 of this permit.

The authorization to discharge under this MCM is limited to the regulated area, such as the portion of the small MS4 located within a UA or the area designated by TCEQ as requiring

coverage. However, an MS4 operator may also utilize this MCM over additional portions of their small 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, an 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 CGP, TXR150000, or under an individual TPDES permit.

This MCM is only available for projects where the small MS4 is a construction site operator or owner, and the MCM does not provide any authorization for other construction site operators at a municipal project.

Controls required under this MCM must be implemented prior to discharge from a municipal construction site into surface water in the state.

The MCM must include:

- (a) 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;
- (b) A description of the area that this MCM will address and where the permittee's construction activities are covered (for example within the boundary of the urbanized area, the corporate boundary, a special district boundary, an extra territorial jurisdiction, or other similar jurisdictional boundary);
- (c) 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 stormwater discharges;
- (d) A general description of how a SWP3 will be developed for each construction site, according to Part VI of this general permit, "Authorization for Municipal Construction Activities"; and
- (e) Records of municipal construction activities authorized under this optional MCM, in accordance with Part VI of this general permit.

Section C. General Requirements

Permittees shall provide information in the SWMP documenting the development and implementation of the program. 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. If applicable, a list of all MS4 operators contributing to the development and implementation of the SWMP, including a clear description of the contribution;
3. A list of all BMPs and measurable goals for each of the MCMs;
4. A schedule for the implementation of all SWMP requirements. The schedule must include, as appropriate, the months and years in which the permittee will undertake

required actions, including interim milestones and the frequency of the action throughout the permit term.

5. A description of how each measurable goal will be evaluated; and
6. A rationale statement that addresses the overall program, including how the BMPs and measurable goals were selected.

Part IV. Recordkeeping and Reporting

Section A. Recordkeeping

1. The permittee shall 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 (3) 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 shall 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 shall make the NOI and the SWMP available to the public at reasonable times during regular business hours, if requested to do so in writing. Copies of the SWMP must be made available within ten (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 may be instituted against the permittee.

Section 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 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 appropriate 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, the permittee shall promptly submit the facts or information to the executive director.

2. Annual Report

The MS4 operator shall submit a concise annual report to the executive director within 90 days of the end of each reporting year. For the purpose of this section, the reporting year may include either the permit year, the permittee's fiscal year or the calendar year, as elected by the small MS4 and notified to the TCEQ in the application submittal. The annual report must address the previous reporting year.

The first reporting year for annual reporting purposes shall begin on the permit effective date and shall last for a period of one (1) year (the end of the "permit year"). Alternatively, if the permittee elects to report based on its fiscal year, the first reporting year will last until the end of the fiscal year immediately following the issuance date of this permit. If the permittee elects to report based on the calendar year, then the first reporting year will last until December 31, 2019.

Subsequent calendar years will begin at the beginning of the first reporting year (which will vary based on the previous paragraph) and last for one (1) year. The MS4 operator shall 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) A summary of the results of information collected and analyzed, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;
- (c) If applicable, a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4s BMPs used to address the pollutant of concern;
- (d) A summary of the stormwater activities the MS4 operator plans to undertake during the next reporting year;
- (e) Proposed changes to the SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements;
- (f) Description and schedule for implementation of additional BMP's that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans. For waters that are listed as impaired after discharge authorization pursuant to Part II.D.4, include a list of such waters and the pollutant(s) causing the impairment, and a summary of any actions taken to comply with the requirements of Part II.D.4.b.;
- (g) Notice that the MS4 operator is relying on another government entity to satisfy some of its permit obligations (if applicable);

- (h) The number of construction activities where the small MS4 is the operator and authorized under the 7th optional MCM, including the total number of acres disturbed; and
- (i) The number of construction activities that occurred within the jurisdictional area of the small MS4 (as noticed to the permittee by the construction operator), and that were not authorized under the 7th MCM.

MS4s authorized under the previous version of the permit must prepare an annual report whether or not the NOI and SWMP have 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, they shall contribute to and submit a single system-wide report. Each permittee shall sign and certify the annual report in accordance with 30 TAC § 305.128 (relating to Signatories to Reports).

The annual report must be submitted with the appropriate TCEQ reporting forms if available, or as otherwise approved by TCEQ.

The annual report must be submitted to the following address:

Texas Commission on Environmental Quality
Stormwater 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, except if the report is submitted electronically.

Effective December 21, 2020, annual reports must be submitted using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

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. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- C. The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- D. 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 shall 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 modifying, revoking, suspending, reissuing or terminating authorization under this general permit. Additionally, the permittee shall provide to the executive director, upon request, copies of all records that the permittee shall maintain as a condition of this general permit.

- E. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used to achieve compliance with the conditions of this permit and with the condition of the permittee's SWMP. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed only when the operation is necessary to achieve compliance with the conditions of this permit.
- F. Inspection and entry shall be allowed under the TWC Chapters 26-28, Health and Safety Code §§ 361.032-361.033 and 361.037, and 40 CFR §122.41(i). The statement in TWC § 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.
- G. The discharger is subject to administrative, civil, and criminal penalties, as applicable, under the TWC, Chapters 26, 27, and 28, and the Texas Health and Safety Code, Chapter 361 for violations including but not limited to the following:
 - 1. Negligently or knowingly violating CWA, §§ 301, 302, 303, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under CWA, § 402; and
 - 2. 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.
- H. All reports and other information requested by or submitted to the executive director must be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).
- I. Authorization under this general permit does not convey property or water rights of any sort and does not grant any exclusive privilege.
- J. 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 initial permit coverage.

Part VI. Authorization for Municipal Construction Activities – Applicable only if the 7th Optional MCM is selected

The MS4 operator may obtain authorization under TPDES CGP, TXR150000 to discharge stormwater runoff from each construction activity performed by the MS4 operator that results in a land disturbance of one (1) acre or more of land or less than one (1) acre of land, if the construction activity is part of a larger common plan of development or sale that would disturb one acre or more. Alternatively, the MS4 operator may develop the SWMP to include the optional seventh (7th) stormwater MCM listed in Part III.B.7 of this general permit if the eligibility requirements in Part VI.A. below are met.

If an MS4 operator decides to utilize this MCM, then the MS4 operator must include this MCM 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 permittee 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 small 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 stormwater MCM, the MS4 operator may apply under TPDES CGP 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).

Section 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.B.1. through III.B.6 of this general permit, related to MCMs.

Section B. Discharges Eligible for Authorization**1. Stormwater Associated with Construction Activity**

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

2. Discharges of Stormwater Associated with Construction Support Activities

Discharges of stormwater 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 one-mile distance from the boundary of the permitted construction site and directly supports the construction activity;

- (b) A SWP3 is developed according to the provisions of this general permit and includes appropriate controls and measures to control sediment and erosion and discharge of pollutants in stormwater runoff from the supporting construction activity site;
- (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; and
- (d) Discharge of stormwater from concrete production facilities must meet the requirements in Section E below

3. Non-Stormwater Discharges

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

- (a) Discharges from emergency 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) Uncontaminated fire hydrant flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life), which include flushings from systems that utilize potable water, surface water, or groundwater that does not contain additional pollutants (uncontaminated fire hydrant flushings do not include systems utilizing reclaimed wastewater as a source water);
- (c) Water from the routine external washing of vehicles, the external portion of buildings or structures, and pavement, where detergents and soaps are not used and where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed; and if local state, or federal regulations are applicable, the materials are removed according to those regulations), and where the purpose is to remove mud, dirt, or dust;
- (d) Uncontaminated water used to control dust;
- (e) Potable water sources including waterline flushings (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
- (f) Uncontaminated 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, provided the discharge complies with the associated permit.

Section 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.

Section D. Stormwater Pollution Prevention Plan (SWP3) Requirements

Operators of municipal construction activities that qualify for coverage under this general permit and that discharge stormwater associated with construction activities into surface water in the state 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 a TCEQ approved site notice 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.

Section E. Stormwater Runoff from Concrete Batch Plants

Discharges of stormwater runoff from concrete batch plants at regulated construction sites may be authorized under the provisions of this general permit provided that the following requirements are met for concrete batch plant(s) authorized under this permit. If discharges of stormwater runoff from concrete batch plants are not covered under this general permit, then discharges must be authorized under an alternative general permit or an individual permit. This permit does not authorize the discharge or land disposal of any wastewater from concrete batch plants at regulated construction sites. Authorization for these wastes must be obtained under an individual permit or an alternative general permit.

1. Benchmark Sampling Requirements

- (a) Operators of concrete batch plants authorized under this section must sample the stormwater runoff from the concrete batch plants according to the requirements of this section of the general permit, and must conduct evaluations of the effectiveness of the SWP3 based on the following benchmark monitoring values:

Table 1. Benchmark Monitoring

Benchmark Parameters	Benchmark Value	Sampling Frequency	Sample Type
Oil and Grease (*1)	15 mg/L	1/quarter (*2)(*3)	Grab (*4)
Total Suspended Solids (*1)	50 mg/L	1/quarter (*2)(*3)	Grab (*4)
pH (*1)	6.0-9.0 S.U.	1/quarter (*2)(*3)	Grab (*4)
Total Iron (*1)	1.3 mg/L	1/quarter (*2)(*3)	Grab (*4)

- (*1) Analytical data intended for compliance with benchmark monitoring requirements must be analyzed by a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory based on state rules located in 30 TAC Chapter 25. Analysis must be performed using sufficiently sensitive methods for analysis that comply with the rules located in 40 CFR §136.1(c) and 40 CFR §122.44(i)(1)(iv).
- (*2) When discharge occurs. Sampling is required within the first 30 minutes of discharge. If it is not practicable to take the sample, or to complete the sampling, within the first 30 minutes, sampling must be completed within the first hour of discharge. If sampling is not completed within the first 30 minutes of discharge, the reason must be documented and attached to all required reports and records of the sampling activity.
- (*3) Sampling must be conducted at least once during each of the following periods. The first sample must be collected during the first full quarter that a stormwater discharge occurs from a concrete batch plant authorized under this general permit.
- January through March
 - April through June
 - July through September
 - October through December

For projects lasting less than one full quarter, a minimum of one sample shall be collected, provided that a stormwater discharge occurred at least once following submission of the NOI.

- (*4) A grab sample shall be collected from the stormwater discharge resulting from a storm event that is at least 0.1 inches of measured precipitation that occurs at least 72 hours from the previously measurable storm event. The sample shall be collected downstream of the concrete batch plant, and where the discharge exits any BMPs utilized to handle the runoff from the batch plant, prior to commingling with any other water authorized under this general permit.
- (b) The permittee shall compare the results of sample analyses to the benchmark values above, and must include this comparison in the overall assessment of the SWP3's effectiveness. Analytical results that exceed a benchmark value are not a violation of this permit, as these values are not numeric effluent limitations. Results of analyses are indicators that modifications of the SWP3 should be assessed and may be necessary to protect water quality. The operator must investigate the cause for each exceedance and must document the results of this investigation in the SWP3 by the end of the quarter following the sampling event.

The operator's investigation must identify the following:

- (1) Any additional potential sources of pollution, such as spills that might have occurred;
- (2) Necessary revisions to good housekeeping measures that are part of the SWP3;
- (3) Additional BMPs, including a schedule to install or implement the BMPs; and
- (4) Other parts of the SWP3 that may require revisions in order to meet the goal of the benchmark values.

Background concentrations of specific pollutants may also be considered during the investigation. If the operator is able to relate the cause of the exceedance to background concentrations, then subsequent exceedances of benchmark values for that pollutant may be resolved by referencing earlier findings in the SWP3. Background concentrations may be identified by laboratory analyses of samples of stormwater run-on to the permitted facility, by laboratory analyses of samples of stormwater run-off from adjacent non-industrial areas, or by identifying the pollutant is a naturally occurring material in soils at the site.

2. BMPs and SWP3 Requirements

Minimum Stormwater Pollution Prevention Plan (SWP3) Requirements - The following are required in addition to other SWP3 requirements listed in this section:

- (a) Description of Potential Pollutant Sources - The SWP3 must provide a description of potential sources (activities and materials) that may reasonably be expected to affect the quality of stormwater discharges associated with concrete batch plants authorized under this permit. The SWP3 must describe practices that that will be used to reduce the pollutants in these discharges to assure compliance with this general permit, including the protection of water quality, and must ensure the implementation of these practices. The following must be developed, at a minimum, in support of developing this description:
 - (1) Drainage – The site map must include the following information:
 - a. The location of all outfalls for stormwater discharges associated with concrete batch plants that are authorized under this permit;
 - b. A depiction of the drainage area and the direction of flow to the outfall(s);
 - c. Structural controls used within the drainage area(s);
 - d. The locations of the following areas associated with concrete batch plants that are exposed to precipitation: vehicle and equipment maintenance activities (including fueling, repair, and storage areas for vehicles and equipment scheduled for maintenance); areas used for the treatment, storage, or disposal of wastes listed in the TPDES CGP TXR150000; liquid storage tanks; material processing and storage areas; and loading and unloading areas; and
 - e. The locations of the following: any bag house or other dust control device(s); recycle or sedimentation pond, clarifier or other device used for the treatment of facility wastewater (including the areas that drain to the treatment device); areas with significant materials; and areas where major spills or leaks have occurred.
 - (2) Inventory of Exposed Materials – A list of materials handled at the concrete batch plant that may be exposed to stormwater and that have a potential to affect the quality of stormwater discharges associated with concrete batch plants that are authorized under this general permit.
 - (3) Spills and Leaks - A list of significant spills and leaks of toxic or hazardous pollutants that occurred in areas exposed to stormwater and that drain to stormwater outfalls associated with concrete batch plants authorized under this general permit must be developed, maintained, and updated.
 - (4) Sampling Data - A summary of existing stormwater discharge sampling data must be maintained, if available.

- (b) Measures and Controls - The SWP3 must include a description of management controls to regulate pollutants identified in the SWP3's "Description of Potential Pollutant Sources" from Part VI.E.2.(a) of this permit, and a schedule for implementation of the measures and controls. This must include, at a minimum:
- (1) Good Housekeeping - Good housekeeping measures must be developed and implemented in the area(s) associated with concrete batch plants.
 - a. Operators must prevent or minimize the discharge of spilled cement, aggregate (including sand or gravel), settled dust, or other significant materials from paved portions of the site that are exposed to stormwater.

Measures used to minimize the presence of these materials may include regular sweeping or other equivalent practices. These practices must be conducted at a frequency that is determined based on consideration of the amount of industrial activity occurring in the area and frequency of precipitation, and shall occur at least once per week when cement or aggregate is being handled or otherwise processed in the area.
 - b. Operators must prevent the exposure of fine granular solids, such as cement, to stormwater. Where practicable, these materials must be stored in enclosed silos, hoppers or buildings, in covered areas, or under covering.
 - (2) Spill Prevention and Response Procedures - Areas where potential spills that can contribute pollutants to stormwater runoff, and the drainage areas from these locations, must be identified in the SWP3. Where appropriate, the SWP3 must specify material handling procedures, storage requirements, and use of equipment. Procedures for cleaning up spills must be identified in the SWP3 and made available to the appropriate personnel.
 - (3) Inspections - Qualified facility personnel (for example, a person or persons with knowledge of this general permit, the concrete batch plant, and the SWP3 related to the concrete batch plant(s) for the site) must be identified to inspect designated equipment and areas of the facility specified in the SWP3. The inspection frequency must be specified in the SWP3 based upon a consideration of the level of concrete production at the facility, but must be a minimum of once per month while the facility is in operation. The inspection must take place while the facility is in operation and must, at a minimum, include all areas that are exposed to stormwater at the site, including material handling areas, above ground storage tanks, hoppers or silos, dust collection or containment systems, truck wash down and equipment cleaning areas. Follow-up procedures must be used to ensure that appropriate actions are taken in response to the inspections. Records of inspections must be maintained and be made readily available for inspection upon request.
 - (4) Employee Training - An employee training program must be developed to educate personnel responsible for implementing any component of the SWP3, or personnel otherwise responsible for stormwater pollution prevention, with the provisions of the SWP3. The frequency of training must be documented in the SWP3, and at a minimum, must consist of one training prior to the initiation of operation of the concrete batch plant.
 - (5) Record Keeping and Internal Reporting Procedures - A description of spills and similar incidents, plus additional information that is obtained regarding the quality and quantity of stormwater discharges, must be included in the SWP3. Inspection and maintenance activities must be documented and records of those inspection and maintenance activities must be incorporated in the SWP3.

- (6) Management of Runoff - The SWP3 shall contain a narrative consideration for reducing the volume of runoff from concrete batch plants by diverting runoff or otherwise managing runoff, including use of infiltration, detention ponds, retention ponds, or reusing of runoff.
- (c) Comprehensive Compliance Evaluation – At least once per year, one (1) or more qualified personnel (for example, a person or persons with knowledge of this general permit, the concrete batch plant, and the SWP3 related to the concrete batch plant(s) for the site) shall conduct a compliance evaluation of the plant. The evaluation must include the following:
 - (1) Visual examination of all areas draining stormwater associated with regulated concrete batch plants for evidence of, or the potential for, pollutants entering the drainage system. These include but are not limited to: cleaning areas, material handling areas, above ground storage tanks, hoppers or silos, dust collection or containment systems, and truck wash down and equipment cleaning areas. Measures implemented to reduce pollutants in runoff (including structural controls and implementation of management practices) must be evaluated to determine if they are effective and if they are implemented in accordance with the terms of this permit and with the permittee’s SWP3. The operator shall conduct a visual inspection of equipment needed to implement the SWP3, such as spill response equipment.
 - (2) Based on the results of the evaluation, the following must be revised as appropriate within two (2) weeks of the evaluation: the description of potential pollutant sources identified in the SWP3 (as required in Part VI.E.2(a), “Description of Potential Pollutant Sources”); and pollution prevention measures and controls identified in the SWP3 (as required in Part VI.E.2.(b) “Measures and Controls”). The revisions may include a schedule for implementing the necessary changes.
 - (3) The permittee shall prepare and include in the SWP3 a report summarizing the scope of the evaluation, the personnel making the evaluation, the date(s) of the evaluation, major observations relating to the implementation of the SWP3, and actions taken in response to the findings of the evaluation. The report must identify any incidents of noncompliance. Where the report does not identify incidences of noncompliance, the report must contain a statement that the evaluation did not identify any incidence(s), and the report must be signed according to 30 TAC §305.128, relating to Signatories to Reports.
 - (4) The Comprehensive Compliance Evaluation may substitute for one of the required inspections delineated in Part VI.E.2.(b)(3) of this general permit.

3. Prohibition of Wastewater Discharges

Wastewater discharges associated with concrete production including wastewater disposal by land application are not authorized under this general permit. These wastewater discharges must be authorized under an alternative TCEQ water quality permit or otherwise disposed of in an authorized manner. Discharges of concrete truck washout at construction sites may be authorized if conducted in accordance with the requirements of Part VI of this general permit.

4. Concrete Truck Wash Out Requirements

This general permit authorizes the wash out of concrete trucks at construction sites regulated under this section of the general permit, provided the following requirements are

met. Authorization is limited to the land disposal of wash out water from concrete trucks. Any other direct discharge of concrete production waste water must be authorized under a separate TCEQ general permit or individual permit.

- (a) Direct discharge of concrete truck wash out water to surface water in the state, including discharge to storm sewers, is prohibited by this general permit.
- (b) Concrete truck wash out water shall be discharged to areas at the construction site where structural controls have been established to prevent direct discharge to surface waters or to areas that have a minimal slope that allow infiltration and filtering of wash out water to prevent direct discharge to surface waters. Structural controls may consist of temporary berms, temporary shallow pits, temporary storage tanks with slow rate release, or other reasonable measures to prevent runoff from the construction site.
- (c) Wash out of concrete trucks during rainfall events shall be minimized. The direct discharge of concrete truck wash out water is prohibited at all times, and the operator shall insure that its BMPs are sufficient to prevent the discharge of concrete truck washout as the result of rain.
- (d) The discharge of wash out water shall not cause or contribute to groundwater contamination.
- (e) If a SWP3 is required to be implemented, the SWP3 shall include concrete wash out areas on the associated map.

Section F. Effective Date of Coverage

Construction activities may not commence under this section until the MS4 NOI and SWMP are approved in writing by the TCEQ. Following approval of the NOI and SWMP, operators of construction activities eligible for coverage under this general permit are authorized to discharge stormwater associated with construction activity immediately upon posting the signed construction site notice required under this section.

Section 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.

Section 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 stormwater management plans; and to local government officials.

Section I. Keeping Plans Current

The permittee shall amend the SWP3 whenever either of the following occurs:

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.

Section J. Contents of SWP3

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

1. Site Description

A site description, or project description, which must 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) Locations of all major structural controls either planned or in place;
 - (4) Locations where temporary or permanent stabilization practices are expected to be used;
 - (5) Locations of construction support activities, including off-site activities that are authorized under the permittee's NOI, including material, waste, borrow, fill, or equipment storage areas;
 - (6) Surface waters (including wetlands) either at, adjacent, or in close proximity to the site;
 - (7) Locations where stormwater discharges from the site directly to a surface water body or a MS4; and
 - (8) Vehicle wash areas.
- (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. Structural and non-structural controls

The SWP3 must describe the structural and the non-structural controls (BMPs) 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:

Erosion and Sediment Controls

- (a) Erosion and sediment controls must be designed to retain sediment on-site to the maximum extent practicable with consideration for local topography and rainfall.
- (b) 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.
- (c) Sediment must be removed from sediment traps and sedimentation ponds no later than the time that design capacity has been reduced by 50 percent.
- (d) 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.
- (e) Controls must be developed to limit offsite transport of litter, construction debris, and construction materials by stormwater 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 must ensure that existing vegetation is preserved where 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 immediately in portions of the site where construction activities have temporarily or permanently ceased, and will not resume for a period exceeding 14 calendar days, except as provided in (1) and (2) below.
 - (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, semiarid areas, and areas experiencing drought conditions.

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) Sites with a drainage area of ten (10) or more acres:
- (1) A sediment basin is required, where feasible, for a common drainage location that serves an area with ten (10) or more acres disturbed at one time. A sedimentation basin may be temporary or permanent, but must provide sufficient storage to contain a calculated volume of runoff from a 2-year, 24-hour storm from each disturbed 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 off-site areas and flow from on-site 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. Capacity calculations must be included in the SWP3.
 - (2) Where rainfall data is not available or a calculation cannot be performed the sedimentation basin must provide at least 3,600 cubic feet of storage per acre drained until the site reaches final stabilization.
 - (3) If a sedimentation basin is not feasible, then the permittee shall provide equivalent control measures until the site reaches final stabilization. In determining whether installing a sediment basin is feasible, the permittee may consider factors such as site soils, slope, available area, public safety, precipitation pattern, site geometry, site vegetation, infiltration capacity, geotechnical factors, depth to groundwater, and other similar considerations. The permittee shall document the reason that the sediment basins are not feasible, and shall utilize equivalent control measures, which may include a series of smaller sediment basins.
 - (4) Perimeter Controls – At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries of the construction area, and for those side slope boundaries deemed appropriate as dictated by individual site conditions.
- (b) Controls for sites with drainage areas less than ten acres:
- (1) Sediment traps and sediment basins may be used to control solids in stormwater 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 of the construction area, and for those side slope boundaries deemed appropriate as dictated by individual site conditions.
 - (2) Alternatively, a sediment basin that provides storage for a calculated volume of runoff from a 2-year, 24-hour storm from each disturbed acre drained may be utilized. Where rainfall data is not available or a calculation cannot be performed, a temporary or permanent sediment basin providing 3,600 cubic feet of storage per acre drained may be provided. If a calculation is performed, then the calculation shall be included in the SWP3.

5. Permanent Stormwater Controls

A description of any measures that will be installed during the construction process to control pollutants in stormwater 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 stormwater 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 stormwater 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. Effluent Limits

The federal Effluent Limitations Guidelines at 40 CFR § 450.21 apply to all regulated construction activities under this 7th optional MCM, where the small MS4 is the operator.

8. Approved State and Local Plans

- (a) The permittee shall ensure the SWP3 is consistent with requirements specified in applicable sediment and erosion site plans or site permits, or stormwater 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 stormwater management site plans or site permits approved by state or local official for whom the permittee receives written notice.

9. 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 stormwater controls. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

10. Inspections of Controls

- (a) Personnel provided by the permittee 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, discharge locations, and structural controls for evidence of, or the potential for, pollutants entering the drainage system. Personnel conducting these inspections must be knowledgeable of this general permit, familiar with the construction site, and knowledgeable of the SWP3 for the site. Sediment and erosion

control measures identified in the SWP3 must be inspected to ensure that they are operating correctly. Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking. Inspections must be conducted at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

Where sites have been finally or temporarily stabilized or where runoff is unlikely due to winter conditions (e.g. site is covered with snow, ice, or frozen ground exists), inspections must be conducted at least once every month. In arid or semi-arid, or drought-stricken areas, inspections must be conducted at least once every month and within 24 hours after the end of a storm event of 0.5 inches or greater

As an alternative to the above-described inspection schedule of once every 14 calendar days and within 24 hours of a storm event of 0.5 inches or greater, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days. If this alternative schedule is developed, then the inspection must occur on a specifically defined day, regardless of whether or not there has been a rainfall event since the previous inspection.

The inspections may occur on either schedule provided that the SWP3 reflects the current schedule and that any changes to the schedule are conducted in accordance with the following provisions: the schedule may be changed a maximum of one time each month, the schedule change must be implemented at the beginning of a calendar month, and the reason for the schedule change must be documented in the SWP3 (e.g., end of "dry" season and beginning of "wet" season).

- (b) Utility line installation, pipeline construction, and other examples of long, narrow, linear construction activities may provide inspection personnel with limited access to the areas described in Part VI.J.10(a) above. Inspection of these areas could require that vehicles compromise temporarily or even permanently stabilized areas, cause additional disturbance of soils, and increase the potential for erosion. In these circumstances, controls must be inspected at least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches, but representative inspections may be performed. For representative inspections, personnel must inspect controls along the construction site for 0.25 mile above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described in Part VI.J.10.(a) above. The conditions of the controls along each inspected 0.25 mile portion may be considered as representative of the condition of controls along that reach extending from the end of the 0.25 mile portion to either the end of the next 0.25 mile inspected portion, or to the end of the project, whichever occurs first.

As an alternative to the above-described inspection schedule of once every 14 calendar days and within 24 hours of a storm event of 0.5 inches or greater, the SWP3 may be developed to require that these inspections will occur at least once every seven (7) calendar days. 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. The inspections may occur on either schedule provided that the SWP3 reflects the current schedule and that any changes to the schedule are conducted in accordance with the following provisions: the schedule may be changed a maximum of one time each month, the schedule change must be implemented at the beginning of a calendar month, and the reason for the schedule change must be documented in the SWP3 (e.g., end of "dry" season and beginning of "wet" season).

- (c) In the event of flooding or other uncontrollable situations that prohibit access to the inspection sites, inspections must be conducted as soon as access is practicable.
- (d) 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.
- (e) A report summarizing the scope of the inspection, the date(s) 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.

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. The report must be signed by the person and in the manner required by 30 TAC §305.128 (relating to Signatories to Reports).
- (f) The names and qualifications of personnel making the inspections for the permittee may be documented once in the SWP3 rather than being included in each report.

11. Pollution Prevention Measures

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

Section K. Additional Retention of Records

The permittee shall 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 section, including copies of the construction site notices.

APPENDIX B
TCEQ TPDES FACT SHEET

Fact Sheet and Executive Director's Preliminary Decision

For proposed Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000 for discharges from small municipal separate storm sewer systems (MS4s) into surface water in the state.

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

Prepared by: Stormwater & Pretreatment Team (MC-148)
Wastewater Permitting Section
Water Quality Division, Office of Water
(512) 239-4671

Date: August 1, 2018

Permit Action: Amendment and Reissuance of a General Stormwater Permit for
Phase II (Small) Municipal Separate Storm Sewer Systems
(MS4s)

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

I.	Summary	3
II.	Executive Director’s Recommendation.....	5
III.	Permit Applicability and Coverage	5
A.	NPDES Small MS4 General Permit Remand Rule	6
B.	Regulated Small MS4s Subject to Permitting.....	7
C.	Designated Small MS4s Subject to Permitting	7
D.	Permit Waivers	8
E.	Ineligible Discharges.....	9
F.	Allowable Non-stormwater Discharges	10
G.	Discharges from Small MS4 Construction Activities.....	11
IV.	Permit Conditions and Effluent Limitations	12
A.	Notice of Intent	12
B.	Public Notice and Public Participation.....	12
C.	Stormwater Management Program (SWMP)	13
D.	Reporting Requirements	21
V.	Changes From Existing General Permit:	22
VI.	Addresses	24
VII.	Legal Basis.....	25
VIII.	Regulatory Background.....	25
IX.	Permit Coverage	26
X.	Technology-Based Requirements	28
XI.	Water Quality-Based Requirements	29
XII.	Monitoring	29
XIII.	Procedures for Final Decision	30
XIV.	Administrative Record	31

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

I. Summary

The Texas Commission on Environmental Quality (TCEQ) is proposing to amend and renew the TPDES general permit for Phase II (small) municipal separate storm sewer systems (MS4s), TXR040000. This general permit was first issued and effective on August 13, 2007, and authorizes discharges from small MS4s into surface water in the state. The general permit specifies which small MS4s must obtain permit coverage, which are eligible for waivers, and which must obtain individual permit coverage. The permit also specifies that where discharges will reach waters of the U.S., a stormwater management program (SWMP) must be developed and implemented, and includes the minimum requirements for the SWMP.

The principal changes to the existing general permit include the following:

1. Phase II MS4 Remand Rule

The permit language was updated to comply with the federal Phase II MS4 Remand Rule that became effective on January 9, 2017, and requires permit language that is “clear,” “specific,” and “measurable”

The permit adds a public notice process for major modifications to SWMPs. (Permit Part II.E.6 and Fact Sheet Part IX 6).

TCEQ selected the two-step general permit option (procedural approach) under the NPDES rule. This is the approach TCEQ currently uses. *See* Part III.A. below for explanation.

2. Electronic Reporting Rule

The permit language was updated to comply with the federal e-Reporting Rule that became effective on December 21, 2015. TCEQ will request that small MS4s submit applications and annual reports electronically by December 21, 2020.

3. Application for Coverage

- a. The permit continues the requirement that operators of small MS4s that are fully or partly located within an urbanized area (UA), as determined by the 2000 or the 2010 Decennial Census, must obtain authorization for the discharge of stormwater runoff, and are eligible for coverage under the general permit unless otherwise specified. (Permit Part II.A.1 and Part II.E.1.(a))
- b. The requirement that newly regulated MS4s apply was removed, since the MS4 universe has not grown during the previous permit term and there are no newly regulated MS4s. (Permit Part II.E.1)
- c. The permit clarifies that operators of small MS4s that were previously authorized under the general permit must reapply for coverage under the reissued general permit. (Permit Part II.E.1(a))
- d. The permit continues categorizing small MS4s into four levels with different permit requirements applied to each level for some of the program elements. The permit clarifies that the level of a small MS4 is based on the population served by the small MS4 within the 2010 UA and based on the 2010 U.S. Census. A new Decennial Census during a permit term, will not affect the level of an MS4 until the permit is renewed. Non-traditional MS4s such as

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

transportation entities, will continue to be categorized as level 2 MS4s. (Permit Part II.A.5) The levels continue to be:

- (1) Level 1 serves a population of less than 10,000 within a UA;
- (2) Level 2 serves a population of at least 10,000 but less than 40,000 within a UA. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts (regardless of population served in the UA);
- (3) Level 3 serves a population of at least 40,000 but less than 100,000 within a UA; and
- (4) Level 4 serves a population of 100,000 or more within a UA.

4. Impaired Water Bodies and Total Maximum Daily Load (TMDL)

- a. Clarified in Part I and Part II that impaired waters include waters with an EPA approved TMDL that are found on the latest EPA approved *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies as not meeting applicable state water quality standards. (Permit Parts I and II.D.4)
- b. Added a requirement that MS4s annually check, in conjunction with preparation of the annual report, if a waterbody has been added to the latest EPA approved *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies. Newly listed waters must be addressed in the SWMP within two years following the approval date of the new list(s). The permit allows the MS4 to implement BMPs to address the pollutant of concern without submitting a notice of change (NOC). (Permit Part II.D.4)

5. Obtaining Authorization

- a. Added a requirement that MS4s annually review its SWMP in conjunction with preparations of its annual report. (Permit Part II.E.4)
- b. Clarified that annexation of lands or otherwise acquiring additional land that expands the boundary of an MS4, or subtracting areas, does not require a NOC. (Permit Part II.E.6)
- c. Added that the MS4 is responsible for implementing the program in new areas as expeditiously as possible but no later than three years from the addition of the new area. (Permit Part II.7)

6. Stormwater Management Program (SWMP)

- a. Minimum Control Measures (MCMs) - The current permit continues the six (6) required MCMs in the SWMP. The permit revises the existing MCMs to comply with the federal Phase II MS4 Remand Rule to make the language "clear" "specific" and "measurable" and include additional controls and details where appropriate. The list of MCMs continues to include (1) Public Education, Outreach, and Involvement; (2) Illicit Discharge Detection and Elimination; (3) Construction Site Stormwater Runoff Control; (4) Post-

Fact Sheet and Executive Director's Preliminary Decision TPDES General Permit Number TXR040000 for Small MS4s

Construction Stormwater Management in New Development and Redevelopment; (5) Pollution Prevention and Good Housekeeping for Municipal Operations; and (6) Industrial Stormwater Sources.

Portions of these MCMs are required only for certain levels of small MS4s; for example, MCM (6), related to Industrial Stormwater Sources, is required only for Level 4 permittees, as they are similar in populations to Phase I MS4s, which this MCM is based on. The permit maintains the optional 7th MCM, related to construction activities where the small MS4 is the site operator. (Permit Part III.B)

- b. Added a requirement to MCM 2 that requires Level 4 MS4s to develop and implement a program for collecting floatables in the MS4, similar to requirements in Phase I MS4 permits. (Permit Part III.B.2)
- c. Added a requirement to MCM 5 that requires Level 4 MS4s to evaluate flood control projects for their ability to remove pollutants from stormwater, similar to requirements in Phase I MS4 permits. (Permit Part III.B.5)

7. MS4-Operated Construction Sites (Optional 7th MCM)

a. Stormwater Runoff from Concrete Batch Plants

Adjusted the benchmark value for total suspended solids for discharges from concrete batch plants under MCM 7 from 100 mg/L to 50 mg/L to be consistent with the Sector E in the TPDES Multi Sector General Permit (MSGP) TXR050000, issued on August 14, 2016 and the TPDES Construction General Permit (CGP) TXR150000, proposed issuance on March 5, 2018. (Permit Part VI.E)

b. Effluent Limits

Added effluent limits for regulated construction sites based on the federal Effluent Limitation Guidelines (ELGs) at 40 CFR Part 450.21 that consist of a series of Best Management Practices (BMPs). (Permit Part VI.J.7)

II. Executive Director's Recommendation

The executive director has made a preliminary decision that this general permit, if reissued, meets all statutory and regulatory requirements. It is proposed that the general permit be issued to expire five years from date of issuance following the requirements of Title 30 Texas Administrative Code (TAC) § 205.5(a).

III. Permit Applicability and Coverage

There are two ways that a small MS4 would be required to obtain permit coverage. First, the federal NPDES Phase II stormwater rules at 40 CFR § 122.32(a)(1) require authorization for the discharge of stormwater from small MS4s located fully or partially within an urbanized area (UA) as defined by the U.S. Bureau of the Census (Census). These small MS4s are often referred to as *regulated* small MS4s. In addition, TCEQ can *designate* a small MS4 as requiring coverage (see federal Phase II rules at 40 CFR §§ 122.32(a)(2) and 123.35(b)). There are two groups that fall into this category. First, the rules require that TCEQ develop and apply designation criteria to small MS4s located outside of a UA that serve a jurisdiction with 10,000 or more people, and that have an average density of 1,000 or more people/square mile (See 40 CFR § 123.35(a)(2)). This assessment was required by December 9, 2002,

Fact Sheet and Executive Director's Preliminary Decision TPDES General Permit Number TXR040000 for Small MS4s

and the TCEQ after assessing those small MS4s that met this criteria did not designate any additional small MS4s requiring permit coverage. Secondly, the rules require TCEQ to designate any small MS4 as a regulated small MS4 where the small MS4 substantially contributes pollutants to a physically interconnected regulated MS4. Small MS4s meeting either of these criteria would be referred to as *designated* small MS4s. The rules also allow the TCEQ to designate additional small MS4s at any time. The portion of the small MS4 required to meet the conditions of the proposed general permit is that portion located within a UA, as well as any portion that is individually designated by the TCEQ. Maps detailing UAs is available at: <http://www.census.gov/geo/www/ua/2010urbanruralclass.html>

The UA maps were updated by the U.S. Census Bureau during 2012 based on the results of the 2010 U.S. Census. Newly identified UAs on the updated maps are also regulated under the general permit.

In the preamble to the Phase II rules (See Federal Register (FR) 64, Number 235, page 68749), the EPA discusses instances where a municipal separate storm sewer may not be considered a system. The TCEQ agrees that certain complexes may have storm drainage structures that operate independently of each other (such as roof top drains flowing to the city street) rather than operating as a system. The TCEQ does not consider most elementary and secondary schools to operate a system, because each school building would normally drain to a city's MS4 rather than to a system of drains operated by a school district.

Similarly, a public office building complex may include roof and parking lot drains that flow to another entity's system. Universities, federal facilities, and many other public complexes do have a constructed drainage system, which would be defined as a small MS4, even if the drains eventually reach another MS4. In this general permit, the definition for small MS4 excludes storm drains associated with municipal (publicly owned) office and education complexes, where the complexes serve a nonresidential population, and where the buildings are not part of a larger MS4.

A. NPDES Small MS4 General Permit Remand Rule

On December 9, 2016, EPA issued the Small MS4 General Permit Remand Rule, with an effective date of January 9, 2017, to respond to a remand from the United States Court of Appeals for the Ninth Circuit in *Environmental Defense Center, et al. v. EPA*, 344 F. 3d 832 (9th Cir. 2003). Under the rule, EPA revised the small MS4 regulations to ensure that states review BMPs to be used by MS4s to ensure that the small MS4s reduces the pollutant in the discharge from their systems to the maximum extent practicable (MEP) and that states provide public notice and the opportunity to request a hearing.

The rule establishes two alternative approaches that states can use to issue small MS4 general permits. The first option is to issue a general permit that includes all permit terms and conditions to require the MS4 operator to reduce the discharge of pollutants from its MS4 to the MEP to protect water quality and to satisfy the appropriate water quality requirements of the CWA in one comprehensive general permit.

The second option allows states to establish the necessary terms and conditions in two steps. The first step is to issue a base general permit that contains terms and conditions for all MS4s. The second step requires that MS4s develop individual terms and conditions in their SWMPs that states will review. Public notice, comment period, and opportunity to request a public hearing is available for both steps in the second option.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The rule also requires that permit terms and conditions are written in a language that is “clear,” “specific,” and “measurable” to avoid uncertainties as to what specific actions the MS4 is expected to take, and therefore make it easier to comply with and assess compliance. The preamble (Fed. Reg. Vol. 81. No. 237, December 9, 2016. p. 89335) explains that permit requirements that include “caveat” language such as: “if feasible,” “if practicable,” “to the maximum extent practicable,” “as necessary,” or “as appropriate” unless defined would generally not qualify as “clear,” “specific,” and “measurable.”

SWMPs under the two-step option need to meet requirements in the Remand Rule, since detailed permit terms and conditions are outlined in the SWMP document, thus making the approved SWMP document enforceable.

TCEQ established terms and conditions under state rule 30 TAC Chapter 213 (Edwards Aquifer Rule) which is outside the NPDES program, are not consider part of the Remand Rule, therefore, permit language related to the Edwards Aquifer Rule remains unchanged.

TCEQ has chosen the two-step option (procedural approach) since the state has managed its small MS4 program in that manner since the issuance of the first TPDES Small MS4 General Permit in 2007.

B. Regulated Small MS4s Subject to Permitting

The proposed general permit would continue to authorize the discharge of stormwater runoff and certain non-stormwater discharges from the following small MS4s:

1. Small MS4s located wholly or partially within a UA as defined by the U.S. Census Bureau in the 2000 or 2010 Census, and
2. Small MS4s individually designated by the TCEQ as described in Section III.B of this fact sheet.

C. Designated Small MS4s Subject to Permitting

Certain small MS4s may be designated by the TCEQ as requiring permit coverage based on federal requirements at 40 CFR § 122.32(a)(2). The TCEQ has developed the following criteria, one or more of which may be considered in designating a small MS4:

1. Controls for discharges are determined to be necessary for source water protection of public drinking water resources based on the results of source water assessments by the TCEQ.
2. Controls for discharges are necessary to protect sea grass areas of Texas bays as delineated by the Texas Parks & Wildlife Department.
3. Controls for discharges are necessary to protect receiving waters designated as having an exceptional aquatic life use.
4. Controls are required for pollutants of concern expected to be present in discharges to a receiving water listed in the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies.
5. Discharges from an adjacent small MS4 are determined by TCEQ to be significantly contributing pollutants to the regulated MS4. The TCEQ would

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

make this determination after receiving a written request by a regulated adjacent MS4 operator.

6. Additional factors relative to the environmental sensitivity of receiving watersheds.

Specific thresholds are not established for each of the designation criteria. Instead, designation must occur following a case-by-case consideration and is based on a finding that controls are necessary to protect water quality. If designated, the MS4 operator will be notified by the executive director and allowed to apply for authorization under either the proposed general permit or an individual TPDES stormwater permit. The application for either permit must be submitted within 180 days of the notice.

In 2002, the TCEQ applied these designation criteria to the small MS4s located outside of a UA which served a jurisdiction with 10,000 or more people, and which had an average density of 1,000 or more people per square mile. At that time, the TCEQ did not designate any small MS4 or portion of a small MS4 that was not located within a UA. The TCEQ may evaluate small MS4s again that meet these criteria, as well as other small MS4s. Small MS4s that are not located within a UA may be designated by TCEQ at any time in the future, and will be required to develop and submit an NOI and SWMP within 180 days of being notified in writing by TCEQ of that designation. TCEQ may also designate small MS4s as a result of a petition received based on 40 CFR §123.35(c). According to the regulations, a determination would need to be made within 180 days of receiving such a written petition.

D. Permit Waivers

Two possible waivers from permitting requirements are provided in the federal rules at 40 CFR §122.32, and are continued in the proposed permit.

1. Waiver Option No. 1 - A small MS4 may qualify for a waiver if it serves a total population of less than 1,000 within a UA or UAs, and:
 - a. The small MS4 is not contributing substantially to the pollutant loadings of a physically interconnected MS4 that is regulated by the TPDES or NPDES stormwater program (40 CFR § 122.32(d)); and
 - b. If the small MS4 discharges any pollutant(s) that have been identified as a cause of impairment of any water body to which the small MS4 discharges, stormwater 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;

In order to meet this waiver, the small MS4 operator must submit a letter requesting the waiver including the certifying statement that the above-described criteria for Waiver Option No. 1 are met. This waiver request must be submitted on a form approved by the TCEQ.

2. Waiver Option No. 2 – A small MS4 may qualify for a waiver if it serves a total population of less than 10,000 within a UA or UAs and meets all of the following criteria:
 - a. The TCEQ has evaluated all waters of the U.S., 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 stormwater controls are not needed based on wasteload allocations that are part of an EPA approved or established TMDL that addresses the pollutant(s) of concern or, if a TMDL

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

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.

The receiving waters evaluation for Waiver Option 2 is a TMDL-equivalent evaluation that may be performed by the small MS4 using TCEQ protocol with appropriate guidance from the TCEQ. The evaluation would need to include the pollutants of concern, including at a minimum: biochemical oxygen demand (5-day); sediment (or a parameter that addresses sediment such as total suspended solids, turbidity, or siltation); pathogens; oil and grease; and any other pollutant that has been identified as a cause of impairment of any receiving water body. The small MS4 must coordinate with TCEQ Wastewater Permitting staff and Water Quality Assessment staff prior to initiating such a study.

Because of the comprehensive nature of the required receiving water evaluation, and the necessary finding that future discharges from the small MS4 could not potentially exceed water quality standards, Waiver Option No. 2 will be difficult to obtain. However, this option is allowed by federal rules and is therefore included in the proposed general permit and made available to certain small MS4s. The small MS4 would need to first coordinate with the TCEQ to determine if a waiver is attainable under this option, and must complete a TCEQ waiver form after completing all of the necessary studies.

E. Ineligible Discharges

The following discharges are not eligible for permit coverage under the proposed general permit and must obtain coverage under either an individual or an alternative general TPDES permit:

1. Discharges from Phase I (medium and large) MS4s (Phase I MS4s are those that are located in a city or county with a residential population of 100,000 or more based on the 1990 Census);
2. Discharges from small MS4s that would cause or contribute to a violation of water quality standards or that would fail to protect and maintain existing designated uses of receiving waters;
3. New sources or new discharges of the pollutant(s) of concern to impaired waters, unless otherwise allowable under TCEQ rules, applicable state law, and any TMDL and TMDL Implementation Plan (I-Plan) that exists for the applicable receiving water;
4. Stormwater discharges that combine with sources of non-stormwater, unless the non-stormwater source is an allowable non-stormwater discharge described in the proposed general permit, or the non-stormwater source is authorized under a separate TPDES permit; and
5. Discharges otherwise prohibited under existing state rules.
6. Discharges that would adversely affect a listed endangered or threatened species or its critical habitat are not authorized by this permit. Federal requirements related to endangered species apply to all TPDES permitted activities, and site-specific controls may be required to ensure that protection of endangered or threatened species is achieved.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

F. Allowable Non-stormwater Discharges

The following non-stormwater sources may be discharged from the small MS4 and are not required to be addressed in the small MS4's Illicit Discharge and Detection measure, or other minimum control measures (MCMs), provided that they have not been determined by the MS4 operator or the TCEQ to be substantial sources 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 that do not violate Texas surface water quality standards;
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 excluding street sweeper waste water;
15. Discharges or flows from emergency firefighting activities (firefighting 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-stormwater discharges listed in 40 CFR § 122.26 (d)(2)(iv)(B)(1);
17. Non-stormwater discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) TXR050000 or the TPDES Construction General Permit (CGP) TXR150000;
18. Discharges that are authorized by a TPDES or National Pollutant Discharge Elimination System (NPDES) permit or that are not required to be permitted; and
19. Other similar occasional incidental non-stormwater discharges, such as spray park water, unless the TCEQ develops permits or regulations addressing these discharges.

Discharge of the waters listed above may contain pollutants that would need to be addressed by the small MS4. For example, discharges from water line flushing could contain levels of chlorine that could have an impact on aquatic life, in which case the small MS4 may need to require that controls be put on the discharge of chlorinated water line flushing.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

G. Discharges from Small MS4 Construction Activities

The proposed general permit provides small MS4 operators an option to discharge stormwater runoff, and certain non-stormwater runoff, from construction sites under the authority of the small MS4 general permit, where the small MS4 is the operator of the construction activity.

In order for the MS4 operator to cover these activities under this general permit, an optional stormwater MCM must be developed and implemented to address these activities. The MCM must describe the general procedures the MS4 operator will develop to implement a stormwater pollution prevention plan (SWP3), with consideration for local weather and soil conditions, and the steps to be taken to meet and maintain the status as operator at small MS4 construction sites. The MS4 operator must also describe in the MCM the area within which construction related discharges will be authorized under this general permit. The permittee may choose to cover activities exclusively within the UA boundary, within corporate limits or extra territorial jurisdiction (ETJ), within special districts, or within other similar jurisdictional boundaries of the permittee. However, discharges from construction activities outside of the regulated area, such as outside of the UA or outside of the area(s) designated by TCEQ, are only eligible for authorization under this general permit for those areas where the MS4 operator meets the requirements of Parts III.B.1. through III.B.6 of the general permit, related to MCMs. The notice of intent (NOI) will require the permittee to provide information or a description on the boundary of coverage.

A separate detailed SWP3 must be developed and implemented for each regulated construction site. Contractors at a construction site where the small MS4 is the sole operator are not required to obtain separate authorization for stormwater discharges, provided the MS4 operator can meet and maintain the status of sole operator for the site, where the contractor does not meet the definition of operator for the site, and where the SWP3 is developed to address the activities of the contractor. If the contractor meets the definition of construction site operator, then the contractor would need to obtain authorization under the TPDES CGP or an individual permit.

40 CFR § 122.28(b)(2)(i), as adopted by reference in 30 TAC § 205.7, requires the submittal of an NOI to authorize certain discharges under a general permit. While 40 CFR § 122.28(b)(2)(v) allows some exceptions to this requirement, it does not exclude the permittee from the requirement to submit an NOI for authorization of discharges of stormwater runoff associated with industrial activity. Because federal rules at 40 CFR § 122.26(b)(14)(x) includes large construction sites in its definition of industrial activity, discharges of construction activity of five or more acres (including activities which are part of a larger common plan of development) are required to submit an NOI. Therefore, if an MS4 operator seeks to obtain coverage for these discharges under the proposed general permit, then the MS4 operator must include information on the construction activities on its NOI required under this general permit. The applicant must develop a SWP3 and include site-specific information on how construction activities will be conducted to control pollution. This information must be formalized as an MCM and incorporated as a part of the MS4 operator's stormwater management program (SWMP).

The SWMP that is submitted with the NOI must include this optional MCM in order for the permittee's construction activities to be eligible for authorization under this general permit. The NOI will include a certification statement that the small MS4 must sign, where the MS4 operator agrees to comply with the conditions and requirements of this general permit for its construction activities. This certification

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

on the NOI will satisfy the previously cited regulatory requirement regarding the NOI. Separate NOIs for each construction activity are not required, provided that the appropriate information is included in the optional control measure. The MS4 operator must subsequently develop a separate SWP3 for each large and small construction activity, and must post a construction site notice that includes a signed certification that a SWP3 was developed and is implemented according to the conditions and requirements of this general permit. The site notice would be considered a “report” for the purposes of this general permit, and therefore may be signed by a person properly authorized by the MS4 operator under 30 TAC § 305.128, regarding delegation of signatory authority for reports.

If the MS4 operator determines that it does not wish to implement the optional seventh MCM at the time of original application under this general permit, and at a later date does choose to utilize this option, then a notice of change (NOC) will be equivalent to the NOI required under the rules.

If this optional MCM is not developed by the MS4 operator, then discharges of stormwater runoff from large and small construction activities must be authorized under the CGP or an individual TPDES permit. Additionally, if the MS4 operator either cannot or chooses not to meet and maintain the status as the sole operator for any specific construction activity, then authorization under a separate TPDES permit must be obtained for the additional operators during construction activities at that specific site. Finally, if the MS4 operator chooses not to utilize this optional MCM for one or more construction activities, then the MS4 operator must obtain separate authorization for the site(s) under the CGP or individual TPDES permit.

IV. Permit Conditions and Effluent Limitations

A. Notice of Intent

The proposed permit would require small MS4s to submit to the TCEQ a notice of intent (NOI) to comply with the conditions of the general permit, along with an attached SWMP.

B. Public Notice and Public Participation

An applicant under the proposed general permit would be subject to the following procedures:

1. The applicant must submit the NOI and attached SWMP to the executive director. TCEQ staff will review the application for administrative and technical completeness.
2. 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.
3. The notice will be provided to the applicant, and will include, at a minimum:
 - a. The legal name of the applicant;
 - b. An indication whether the NOI is for a new small MS4 or is a renewal of an existing authorization;
 - c. The address of the applicant;

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

- d. 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;
 - e. The location and mailing address where the public may provide comments to the TCEQ;
 - f. 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
 - g. If required by the executive director, the date, time, and location of the public meeting.
4. This notice must be published at least once in a newspaper of general circulation in the municipality or county where the small MS4 is located. If the small MS4 is located in multiple municipalities or counties, the notice must be published at least once in a newspaper of general circulation in the municipality or county containing the largest resident population for the regulated portion of the small MS4. This notice must provide opportunity for the public to submit comments on the NOI and SWMP. In addition, the notice must allow the public to request a public meeting (equivalent to a "public hearing" as required by 40 CFR §122.28(d)(2)(ii)). A public meeting will be held if the TCEQ determines that there is significant public interest.
 5. 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.
 6. If significant public interest exists, the executive director will direct the applicant to publish 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.
 7. If a public meeting is held, the applicant must be able to explain the contents of their NOI and SWMP. The applicant must also provide maps and other data on the small MS4. The applicant must 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.
 8. 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 Chief Clerk.
 9. The executive director, after considering public comment, will either approve, approve with conditions, or deny the NOI based on whether the NOI and SWMP meet the requirements of this general permit.
 10. 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.

C. Stormwater Management Program (SWMP)

The proposed SWMP requirements were developed based on:

1. The existing Phase II MS4 general permit TXR040000 issued August 13, 2007;

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

2. Input from the Stormwater Stakeholder Work Group;
3. Federal Phase II rules of 40 CFR § 122.28 and §§122.33 -122.35;
4. EPA guidance document of April 2010, entitled MS4 Permit Improvement Guide; and
5. EPA Compendium of MS4 Permitting Approaches (EPA, 2016)

The proposed general permit allows small MS4s to share resources in meeting the responsibilities of the SWMP with other regulated MS4s that are either physically interconnected or that are located in the same watershed. This allowance will help to foster a more coordinated approach to resolving local water quality issues and to provide a more efficient use of local MS4 resources. MS4s may combine or share efforts necessary to meet the SWMP requirements of the permit, but each MS4 must be separately authorized (individual NOIs are required). Additionally, individual SWMPs must be developed and maintained by each of the MS4s. Each operator is separately responsible for compliance with the conditions of the general permit and the SWMP, even if efforts are combined or shared between the MS4s.

Small MS4s must develop a SWMP, according to the provisions of this general permit, to the extent allowable under state and local law, to address the portions of the small MS4 that are either located within the UA or that are designated by the TCEQ, with discharges that reach waters of the U.S.. Waters of the U.S. are defined in the general permit. Waters of the U.S. do not include waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA. This exclusion applies only to manmade bodies of water that neither were originally created in waters of the U.S. (such as disposal area in wetlands) nor resulted from the impoundment of waters of the U.S. Waters of the U.S. do not include prior converted cropland.

The SWMP is a comprehensive document that details the steps that the small MS4 will take to reduce or eliminate pollutants in stormwater discharges to the MEP. The phrase "to the extent allowable under local law," as used in the paragraph above, means that small MS4s must develop any necessary ordinances, regulations, or other regulatory controls to meet the general permit requirements to the extent that their authority to make such ordinances is not prohibited by state or federal statutes or regulations.

Under the two-step permitting approach the SWMP details the terms and conditions of the general permit. The SWMP is therefore considered part of the permit thereby making terms and conditions in an approved SWMP enforceable. Like the general permit, language in the SWMP must be clear, specific, and measurable and meet requirements under the Remand Rule. Proposed SWMPs submitted to TCEQ during the renewal process will, during the technical reviews, be screened to ensure that terms and conditions are consistent with the Remand Rule.

Operators of non-traditional small MS4s, such as counties, drainage districts, and transportation entities, may lack the authority to develop ordinances or to implement enforcement actions. For these MS4 operators, the general permit requires the permittee to enter into inter-local agreements with municipalities in which the small MS4 is located. These inter-local agreements must include procedures for enforcement and inspections to the extent necessary to meet the goals of the general permit. Where the permittee is unable to enter into an inter-local agreement, the permittee may report instances of non-compliance or possible illicit discharges to the TCEQ's Field Operations Division for possible follow-up investigations or enforcements.

Fact Sheet and Executive Director's Preliminary Decision TPDES General Permit Number TXR040000 for Small MS4s

The permit requires the small MS4 to ensure that it has adequate resources and funding necessary to meet all requirements of the permit.

The small MS4s must develop a SWMP to include the MCMs described below, which are based on federal rules at 40 CFR §122.28, §122.34(b) and §122.26(d)(2)(iv). The MS4 must select BMPs under each MCM along with measurable goals that are used to determine the effectiveness of the SWMP. The permit continues the tiered approach introduced in the Small MS4 General Permit issued on December 13, 2013, to meet the MCM requirements such that some categories, or Levels, of MS4 operators are not required to implement all or all parts of the MCMs. The small MS4s are continued to be categorized by the following four Levels:

Level 1: Operators of small MS4s that serve a population less than 10,000 within a UA;

Level 2: Operators of small MS4s that serve a population of at least 10,000 but less than 40,000 within a UA. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of the population served within a UA or UAs;

Level 3: Operators of small MS4s that serve a population of at least 40,000 but less than 100,000 within a UA;

Level 4: Operators of small MS4s that serve a population of 100,000 or more within a UA.

The six MCMs are separately described below and include:

1. Public Education, Outreach, and Involvement

The federal Phase II rules require regulated small MS4 operators to implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff (see 40 CFR §122.34(b)(1)). The rules also require a public involvement and participation program that complies with state and local public notice requirements (see 40 CFR § 122.34(b)(2)).

The draft general permit requires small MS4s to educate the public about the impact of stormwater discharges on receiving water bodies and what steps they can take to reduce the contamination of stormwater. The small MS4s are encouraged to use existing public materials in their program, such as using examples from the EPA's Nonpoint Source Outreach Toolbox (www.epa.gov/nps/toolbox) or from other agencies and municipalities with similar public education goals.

Stormwater management programs (SWMPs) can be greatly improved by involving the community throughout the entire process of developing and implementing the program. Involving the community will benefit the permittee itself as well as the community. By listening to the public's concern and coming up with solutions together, the permittee will gain the support of the public and the community will become invested in the program. The permittee will likewise gain even more insight into the most effective ways to communicate its messages.

The permit requires the permittee to involve the public (for example, provide opportunities for public comment or public meeting) in the development of the

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

program. Public input and involvement can include many different activities such as meeting with local land planners and provide input on land use code or ordinance updates, stream clean-ups, storm drain marking, and volunteer monitoring.

As a new requirement to this general permit, MS4s having a public website are required to post their SWMP and the annual report on their website to share information with the public.

Permittees are encouraged to work together with other entities that have an impact on stormwater to implement this MCM.

2. Illicit Discharge Detection and Elimination (IDDE)

The Phase II regulations require regulated small MS4 operators to develop, implement, and enforce a program to detect and eliminate illicit discharges into the MS4 (*See* 40 CFR §122.34(b)(3)). Through the IDDE MCM the permittee is required to respond to complaints about illicit discharges or spills and to actively investigate illicit discharges and behaviors that could result in illicit discharges such as illegal connection to the small MS4, improper disposal of wastes, or dumping of used motor oil or other chemicals.

The permit requires the permittee to have an up-to-date MS4 map. Level 4 permittees are required to identify areas with a high risk for illicit discharges, and these areas must be prioritized for more frequent investigations. Priority areas could include: (1) Areas with older infrastructure that are more likely to have illicit discharges; (2) Industrial, commercial, or mixed use areas; (3) Areas with a history of illegal dumping; (4) Areas with a history of illegal discharges; (5) Areas with onsite sewage disposal systems; (6) Areas with older sewer lines or with a history of sanitary sewer overflows (SSOs) or cross-connections; (7) Areas that discharge to sensitive waterbodies; and (8) Areas within sensitive watersheds.

The CWA § 402(p)(3)(B)(ii), requires MS4 permits to “effectively prohibit non-stormwater discharges into the storm sewers.” The permit implements this requirement, in part by requiring the development of procedures to investigate and eliminate illicit discharges. Standard operating procedures (SOPs) with necessary forms provide guidance to investigators and ensure that consistent investigations occur of every illicit discharge incident.

The public must have a central contact point, such as a stormwater hotline, to report observed illicit incidents. An incident could be anything from an overturned gasoline tanker to sediment leaving a construction site or a sanitary sewer overflow entering the storm drain.

The permit requires the permittee to implement a method for informing or training field staff, who may come into contact or observe illicit discharges, on the identification and proper procedures for reporting illicit discharges. Field staff to be trained may include, but are not limited to, municipal maintenance staff, inspectors, and other staff whose job responsibilities regularly take them out of the office and into areas within the MS4 area. Permittee field staff is out in the community on a day-to-day basis and are in the best position to locate and report spills, illicit discharges, and potentially polluting activities. With proper training and information on reporting illicit discharges easily accessible, these field staff can greatly expand the reach of the IDDE program.

The permit requires MS4s serving a population more than 100,000 (Level 4 MS4s) to develop a dry weather screening program. The program consists of field observations

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

and field screening monitoring. Visually screening outfalls during dry weather and conducting field tests, where flow is occurring, will assist permittees in determining the source of illicit discharge. For example, the presence of surfactants is an indicator that sewage could be present in the discharge and the parameters specific conductivity, ammonia, surfactant, pH and other chemicals may similarly be indicative of industrial sources.

Under this general permit, Level 4 MS4s are also required to develop a program to reduce the discharge of floatables (for example, litter and other human-generated solid refuse) in the MS4. The MS4 will be required to maintain two locations where floatable material can be removed before the stormwater is discharged to or from the MS4. This program has been in place for similar size MS4s under the federal Phase I MS4 regulations that were issued in 1990 and defined Phase I MS4s as MS4s located in an incorporated place with a population of 100,000 or more but less than 250,000 as determined by the 1990 Decennial Census by the U.S. Bureau of the Census. (40 CFR § 122.26(b)(7)(i)). It is therefore appropriate to add this requirements to these similar size MS4s.

3. Construction Site Stormwater Runoff Control

The Phase II regulations require regulated small MS4s to develop, implement, and enforce a program to reduce pollutants in stormwater runoff to the MS4 from construction activities that result in a land disturbance of one acre or greater (*See* 40 CFR § 122.34(b)(4)). In this permit, the definition for construction activity is clarified to also include construction related activities such as stockpiling of fill material and demolition.

The permit requires the permittee to ensure that construction site operators use appropriate erosion and sediment controls to reduce or eliminate impacts on receiving water bodies.

The permittee is required to implement procedures to conduct inspections of large and small construction projects. Level 3 and 4 MS4s are further required to maintain an inventory of construction sites in their area. This will help the permittee to effectively know where the construction activities are occurring. A construction site inventory could track information such as project size, disturbed area, distance to any water body or flow channel, when the erosion and sediment control or stormwater plan was approved by the permittee, and whether the project is covered by the TCEQ's CGP. Such information will help the permittee to track and target its inspection.

The permit requires the permittee to develop and implement site plan review procedures, which describes which plans will be reviewed as well as when an operator may begin construction. The permittee is required to develop SOPs to perform the site plan reviews to ensure that the review process is consistent. The site plan review also provides the permittees with a way to track construction sites.

The permit requires the permittee to implement procedures for performing inspections of construction sites. Inspection frequencies must be based on the evaluation of factors that are a threat to water quality such as soil erosion potential, site slope, proximity to receiving waters, and water quality status of the receiving water. The sites must be inspected during the active construction phase, to ensure that stormwater controls are maintained.

For inspections to be successful the permittee is required to develop inspection and enforcement procedures. The permit language includes minimum requirements that

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

construction site inspections must include. Also, the permittee must ensure MS4 staff is trained to perform the inspections.

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

The Phase II stormwater regulation requires regulated small MS4s to develop, implement, and enforce a program to address stormwater discharges from new development and redevelopment sites that disturb one acre or more, and requires that the program ensure controls are in place that would prevent or minimize water quality impacts (*See* 40 CFR §122.34(b)(5)).

Developed land changes the hydrology of sites, potentially leading to higher stormwater discharge volume and higher pollutant loads. Frequently, the volume, duration, and velocity of stormwater discharges can cause degradation to aquatic systems.

The permit requires that MS4 operators have owners and developers install and maintain stormwater control measures appropriate for the community. In addition, permittees are required to maintain all long term post-construction stormwater controls measures. In many cases, controls will be located on private property, and it will be necessary to establish some provisions to assure the responsibility and accountability for the operation and maintenance of these controls.

Structural controls may include practices such as rainwater harvesting, rain gardens, permeable pavement, and vegetated swales; which are considered to be low impact development practices or green infrastructure BMPs.

The permittees are required to inspect post-construction controls to ensure that control measures are operating correctly and are being maintained. Without maintenance, stormwater controls will not be able properly to protect water quality.

For the purpose of the permit "Redevelopment" does not include routine maintenance activities and linear utility installation. Examples of linear utility installation are construction activities that maintain the original line, grade, and hydraulic capacity of the surrounding areas, such as the installation of underground gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains and water mains. Routine maintenance activities are construction activities that are performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility, including but not limited to: (1) Re-grading of gravel roads or parking lots; (2) stream bank restoration projects (does not include the placement of spoil material);(3) Cleaning and shaping of existing roadside ditches and culverts that maintains the approximate original line and grade, and hydraulic capacity of the ditch; (4) Placement of aggregate shoulder backing that makes the transition between the road shoulder and the ditch or embankment; (5) Full depth milling and filling of exiting asphalt pavements, replacement of concrete pavements slabs, and similar work that does not expose soil or disturb the bottom six inches of subbase material; (6) Long-term use of equipment storage areas at or near highway maintenance facilities; (7) Removal of sediment from the edge of the highway to restore a previously existing sheet-flow drainage connection from the highway surface to the highway ditch or embankment; and (8) Replacement of curbs, gutters, sidewalk and guard rail posts.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

5. Pollution Prevention and Good Housekeeping for Municipal Operations

The stormwater Phase II regulations require operators of regulated MS4s to develop and implement an operation and maintenance program that includes a training component with the ultimate goal of preventing or reducing pollutant runoff from municipal operations (*See* 40 CFR §122.34(b)(6)).

The permit requires the MS4 operator to maintain an inventory of municipal facilities and of stormwater controls. Municipally owned facilities serve as hubs of activity for a variety of municipal staff from many different departments. Some municipalities will have one property where all activities take place (for example, the municipal maintenance yard), whereas others will have several specialized facilities. An inventory of facilities will assist staff responsible for stormwater compliance build a better awareness of their locations within the small MS4 service area and their potential contribution to stormwater pollution. The facility inventory will also serve as a basis for setting up periodic facility assessments and developing, where necessary, facility stormwater pollution plans.

The permit requires Level 3 and Level 4 permittees to perform, once per permit term, an assessment of its facilities to identify which of the facilities are most likely to contribute stormwater pollutants and that need stormwater controls. Those facilities with a high potential to generate stormwater pollutants must be described as *high priority* facilities and this category of facilities are required to have facility specific stormwater management SOPs. Developing and maintaining site-specific SOPs for each facility will help ensure that employees responsible for facility operation are aware of the stormwater controls required for the site.

The permit requires Level 3 and Level 4 permittees to develop an inspection program to perform inspections of, at a minimum, high priority municipal facilities and to document the results of the inspections. Regular inspections will allow inspectors to observe different types of operations that occur at different times of the year (e.g. landscape maintenance crews are less active in the winter) and ensure that corrective action can be taken where necessary to improve stormwater controls.

The permit includes requirements for MS4 operation and maintenance activities, such as maintaining the storm sewer system, maintaining roads, and managing chemical applications. Level 3 and Level 4 small MS4s are required to develop an operations and maintenance (O&M) program to reduce the collection of pollutants in catch basins and other surface drainage structures. Catch basins collect and trap stormwater pollutants such as sediments, metals, hydrocarbons, bacteria, pesticides, trash, and other pollutants. Since these basins collect solids they need to be cleaned out on a regular basis to prevent pollutants from being discharged to water bodies. The materials removed from catch basins need to be treated and disposed of in a manner so that it does not reenter the small MS4.

O&M of roads may, for Level 3 and Level 4 small MS4s, include a street sweeping program. Street sweeping removes both fine and large particles from streets and therefore has a positive effect on water quality. Some small MS4s have roads without a curbs and gutters, and they are therefore not suitable for street sweeping. In these cases source controls or inlet protection measures, to minimize pollutant discharges to storm drains and creeks, can be used in place of sweeping.

The permit includes requirements for Level 4 small MS4s for managing public spaces, such as by addressing the application of pesticides, herbicides, and fertilizers. The permit language encourages non-chemical solutions, such as using native plants

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

that are adapted to local conditions and therefore requires fewer chemicals and to replace pesticide use with manual insect and weed removal thereby reducing chemical exposure to stormwater.

The Phase II regulations found at 40 CFR §122.34(b)(6) specifically requires that the permittee develop a "training component" that trains employees "to prevent and reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance. The permit requires the permittee to develop a training program to train all appropriate employees involved in implementing pollution prevention and good housekeeping practices.

The permit includes language for situations where permittees use third-party contractors to conduct municipal maintenance activities. Contractors must be held to the same standards as the permittee.

This permit adds a requirement for Level 4 MS4s to assess their flood control projects for their impacts on receiving waters and determine if existing structures could be retrofitted. New flood control projects must be designed, constructed, and maintained to provide erosion control and pollutant removal from stormwater. This program has been in place for similar size MS4s under the Phase I MS4 program since the federal Phase I stormwater regulations were issued in 1990, and it is therefore appropriate to add these requirements to these similar sized MS4s.

6. Industrial Stormwater Sources

The Phase I stormwater regulation, found at 40 CFR §§122.26(d)(2)(i)(B, C,E, and F), 122.26(d)(2)(iv), and 122.26(d)(2)(iv)(A), requires permittees to develop and implement an inspection and oversight program to monitor and control pollutants in stormwater discharges from industrial facilities.

The permit continues the Industrial Stormwater Sources MCM for small MS4s that serve a population of 100,000 or more within a UA. EPA's MS4 Improvement Guide recommends this MCM be included in Phase II permits, and TCEQ has decided that it is appropriate to include it for those Phase II MS4s that have similar populations as the Phase I MS4s.

The permit requires the permittee to identify and control pollutants in stormwater discharges to small MS4s from industrial or commercial sites that contributes a substantial pollutant loading to the small MS4. The permit language under this MCM is similar to language in some Phase I MS4 individual permits.

7. Authorization for Construction Activities Where the MS4 is the Site Operator

The MS4 operator may develop an optional seventh MCM for discharges from construction activities, and may obtain authorization under the general permit for discharges from construction activities where the MS4 is the operator. In order to qualify for this provision, MS4 operators must maintain control over the plans and specifications of the construction activity, or must maintain the status of the operator with day-to-day operational control over the construction site, to the extent necessary to meet the requirements of the SWP3 for that site.

Implementation of this MCM allows the small MS4 to obtain the necessary authorization under the terms of this five-year term permit and replaces the requirement to seek separate permit coverage for each construction activity that it conducts. Where the small MS4 is able to demonstrate it is the sole operator for these

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

activities, by meeting both criteria listed in the definition of "construction site operator," contractors would not have to seek separate authorization. This provision is allowed for construction activities located in the regulated area, such as within a UA or within an area designated by TCEQ.

Small MS4s are required to summarize in the annual report pertinent information related to the construction activities performed in the previous year. Small MS4s electing this provision must notify the TCEQ when submitting the NOI, along with an attached SWMP that includes this measure. Utilization of the optional seventh MCM does not preclude a small MS4 from obtaining coverage under the TPDES Construction General Permit, TXR150000, or under an individual TPDES permit.

8. SWMP Implementation.

The SWMP may be implemented on a scheduled stepwise basis throughout the term of the general permit. If full development and implementation of the SWMP is not practicable, then the program must be developed with targeted milestones establishing a schedule that represents the MEP standard.

Implementation must be initiated upon receipt of written approval from the TCEQ of the NOI and SWMP. The general permit contains provisions that allow revisions to the SWMP throughout the term of the permit, without immediate notification to the TCEQ, so that SWMPs can be adjusted based on experiences and findings to become more effective and efficient. Schedules for SWMP implementation, the status of the implementation schedules, and modifications to the SWMP must be summarized in the annual report. These permit provisions allow small MS4s to develop and implement SWMPs according to available funding, manpower, and ability and allow for revisions where more efficient or effective BMPs are identified. Complete implementation of the SWMP is required within five years from the date of issuance of the general permit.

During the application process, regulated MS4 operators must implement the SWMP that was approved under the previous permit term, and they will have five years to implement new portions of the SWMP.

Federal rules at 40 CFR § 123.35(g) require permitting authorities to issue a menu of BMPs to assist small MS4s in complying with the Phase II regulations. TCEQ has adopted the EPA menu of BMPs by including that menu as a resource to small MS4s through a link on the TCEQ stormwater web page at:

<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>

The TCEQ may develop additional guidance during the term of this permit and will make any guidance available on the TCEQ's web page at:

<https://www.tceq.texas.gov/permitting/stormwater/ms4>

and

<https://www.tceq.texas.gov/assistance/water/stormwater/sw-ms4.html>

D. Reporting Requirements

1. The proposed general permit requires small MS4s to provide documentation on the development, implementation, and evaluation of the SWMP. The documentation must be included as a part of the SWMP and may be required to

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

be submitted in the annual report. The preparation and review of the annual report by the small MS4 may ensure progressive improvement of stormwater controls and reduce pollutants to the maximum extent practicable. At a minimum, the documentation must include:

- a. A list of any public or private entities assisting with the development or implementation of the SWMP;
 - b. If applicable, a list of MS4 operators contributing to the development and implementation of the SWMP, including a clear description of the contribution;
 - c. A list of all BMPs and measurable goals for each of the MCM;
 - d. A schedule for the implementation of all SWMP requirements;
 - e. A description of how each measurable goal will be evaluated; and
 - f. A rationale statement that addresses the overall program, including how the BMPs and measurable goals were selected.
2. Additionally, the small MS4 must evaluate the following items and must include the information in an annual report:
- a. Program compliance;
 - b. The appropriateness of the chosen BMPs; and
 - c. Progress toward achieving identified measurable goals.
3. On December 21, 2015, EPA issued the NPDES Electronic Reporting Rule (40 CFR Part 127) requiring NPDES regulated entities to report electronically. Therefore, by December 21, 2020, TCEQ requires small MS4s to submit applications and annual reports electronically by using the e-permitting system on the TCEQ website.

V. Changes From Existing General Permit:

The major changes to the permit include the following:

1. Added definition of “Infeasible.”
2. Added definition of “Benchmarks.”
3. Revised definition for “construction activity” to include other construction related activities (e.g. stock piling of fill material and demolition) to be consistent with the CGP TXR150000 effective on March 5, 2018. (Part I in the permit)
4. Revised the definition for “Impaired Water” to include TMDL waterbodies that are listed on the latest EPA approved *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies as not meeting applicable state water quality standards. (Part I in the permit)
5. Revised the definition of “Waters of the United States” by removing “cooling ponds” since they are no longer defined in 40 CFR 423.11. (Part I in the permit)

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

6. Updated language throughout the permit to comply with the Phase II MS4 Remand Rule issued on December 9, 2017 to make the language clear, specific, and measurable.
7. Added that SWMP updates that are considered major permit modifications require public notice and an opportunity for a public meeting (equivalent to a “public hearing” as required by 40 CFR §122.28(d)(2)(ii)). (Part II.E.6 in the permit)
8. Added that the levels of small MS4s is based on most recent census at the time of permit issuance. National Census held during a permit term will not affect the level on an MS4 until the general permit is renewed. (Part II.A.5 in the permit)
9. Clarified that waters listed on both the CWA § 303(d) list and the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies are considered impaired and added a new requirement to annually check for newly impaired waters in the MS4’s permitted area. Newly listed water bodies must be address in the SWMP within two years from the approval date of the new list(s) (Part II.D.4 in the permit)
10. Added a requirement that by December 21, 2020, permittees must submit applications and annual reports online using the electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. (Part II.E and Part VI.B.2 in the permit)
11. Made clarifications to BMPs and replaced “benchmark” with “benchmark value” where appropriate. (Part II.D.4 of the permit)
12. Clarified that regulated MS4s located in a 2010 and 2000 UAs (previously regulated MS4s) are required to apply. (Part II.E.1 in the permit)
13. Added a requirement that permittees must conduct an annual review of its SWMP in conjunction with preparation of the annual report. (Part II.E.4 in the permit)
14. Added a new section “Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation” explaining that implementation of the SWMP in new areas must be done as expeditiously as possible, but no later than three years from addition of the new area. Within 90 days of transfer of ownership, operational control, or responsibility for SWMP implementation the MS4 must have developed a plan for implementing the SWMP. (Part II.E.7 in the permit)
15. Removed a section under SWMP Development and Schedule for new regulated small MS4s. (Part III.A.1 in the permit)
16. Added language under MCM 1. Public Education, Outreach, and Involvement that the permittee is required to post its SWMP and annual report on its website, if the MS4 has a website. (Part III.B.1 in the permit)
17. Added a requirement to MCM 2. Illicit Discharge Detection and Elimination that Level 4 MS4s needs to develop a program to reduce the discharge of floatables in the MS4. (Part III.B.2 in the permit)
18. Clarified under MCM 3. Construction Site Stormwater Runoff Control that soil stabilization must be completed as soon as practicable, but no more than 14 calendar days after the initiation of soil stabilization measures to be consistent

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

with the TPDES Construction General Permit TXR150000. (Part III.B.3 in the permit)

19. Added a requirement under MCM 5. Pollution Prevention and Good Housekeeping for Municipal Operations that Level 4 MS4s need to evaluate their flood control projects to assess their impacts on receiving waters. (Part III.B.5 in the permit)
20. Replaced "Field Operations Support Division" with "The appropriate TCEQ Regional Office." (Parts III and IV in the permit)
21. Under the 7th optional MCM. Authorization for Municipal Construction Activities, lowered the benchmark value for suspended solids from 100 mg/L to 50 mg/L for concrete batch plants for consistency with Sector E in the Multi-Sector General Permit (TXR050000) issued on August 14, 2016 and the Construction General Permit (TXR150000) issued on March 8, 2018. (Part VI.E in the permit)
22. Added a requirement that analytical results must be obtained from a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory according to state rules listed in 30 TAC Chapter 25. (Part VI.E in the permit)
23. The application fee for submittal an NOI was increased from \$100.00 to \$400.00.

VI. Addresses

Questions concerning this proposed general permit should be sent to:

TCEQ, Stormwater & Pretreatment Team Leader
Wastewater Permitting Section (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087
(512) 239-4671
swgp@tceq.texas.gov

Comments regarding the proposed general permit during the public comment period must be submitted either by mail to the following address, by facsimile (fax) followed by mail, or electronically as described below (please refer to the public notice for official instructions):

By Mail:
TCEQ, Chief Clerk's Office (MC-105)
P.O. Box 13087
Austin, Texas 78711-3087

By fax: (512) 239-3311*

*Fax must be followed by hard copy in mail to CCO at address above within three days of fax date.

Electronically:
<http://www14.tceq.texas.gov/epic/eComment/>

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

Questions Regarding Public Comments Should Be Directed to CCO: (512) 239-3300

Supplementary information on this Fact Sheet is organized as follows:

VII. Legal Basis

Texas Water Code (TWC) Section (§) 26.121 makes it unlawful to discharge pollutants into or adjacent to water in the state except as authorized by a rule, permit, or order issued by the commission. TWC, § 26.027 authorizes the commission to issue permits and amendments to permits for the discharge of waste or pollutants into or adjacent to water in the state. TWC, § 26.040 provides the commission with authority to amend rules adopted under TWC § 26.040 prior to amendment of the statute by House Bill (HB) 1542 in 1997, and to authorize waste discharges by general permit. On September 14, 1998, TCEQ and EPA executed a memorandum of agreement (MOA) delegating to TCEQ administration of the National Pollutant Discharge Elimination System (NPDES) program, which is operated as the Texas Pollutant Discharge Elimination System (TPDES) program in the state.

CWA, §§ 301, 304, and 401 (33 United States Code (USC), §§ 1331, 1314, and 1341) include provisions that state that NPDES permits must include effluent limitations requiring authorized discharges to: (1) meet standards reflecting levels of technological capability; (2) comply with EPA-approved state water quality standards; and (3) comply with other state requirements adopted under authority retained by states under CWA, § 510 and 33 USC, §1370.

VIII. Regulatory Background

The 1972 amendments to the Federal Water Pollution Control Act, later referred to as the Clean Water Act (CWA), prohibit the discharge of any pollutant to navigable waters of the U.S. from a point source unless the discharge is authorized by an NPDES permit. Efforts to improve water quality under the NPDES program traditionally have focused on reducing pollutants in industrial process wastewater and municipal sewage treatment plant discharges. Over time, it has become evident that more diffuse sources of water pollution, such as stormwater runoff from small MS4s, are also significant contributors to water quality problems. EPA developed permit requirements for small MS4s that are intended to improve water quality by reducing the quantity of pollutants that stormwater discharges into storm sewer systems during storm events.

In 1990, EPA promulgated rules establishing Phase I of the NPDES stormwater program. Phase I addresses discharges from medium and large MS4s, which are those MS4s with a population of 100,000 people or more, based on the 1990 Census. Phase I MS4s were required by the EPA to obtain individual NPDES permits. No additional Phase I MS4s will be created by later census results.

The federal Phase II stormwater regulations extended permitting requirements to certain small MS4s, and required that a more general stormwater management program (SWMP) be developed than was required for medium and large MS4s under Phase I. The Phase II regulations were published on December 8, 1999 in the Federal Register, requiring affected small MS4s to obtain permit coverage by March 10, 2003. The Phase II regulations are identified in federal rules at 40 CFR §§ 122.30 through 122.37, which were adopted by the TCEQ at 30 TAC § 281.25(b). In 2016, EPA issued the Small MS4 Remand rule, which is a procedural federal rule ensuring that states

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

review BMPs selected by the MS4s and ensures the public are provided notice and the opportunity to request a public hearing on applications for MS4 permit coverage. The Phase II regulations were revised in 40 CFR §§122.33 and 122.34 and a new paragraph (d) was added to 40 CFR §122.28 requiring permitting authorities to select one of two general permit options.

This proposed TPDES general permit would offer the necessary authorization for these small MS4 discharges.

IX. Permit Coverage

1. The proposed general permit would apply to discharges of stormwater runoff associated with small MS4s. The guidelines for small MS4s were published in the Federal Register on December 8, 1999 (64 FR 68722).
2. Applicants seeking authorization to discharge stormwater runoff from small MS4s under the conditions and requirements of the proposed general permit must submit a completed NOI on a form approved by the executive director, as well as a description of the SWMP. The NOI form will include at minimum, the legal name and address of the owner and operator, the facility name and address, a specific description of its location (including the street address, if applicable, and county), the type of facility and discharge, the name of the receiving water, information on impaired waters, the boundary of the area where construction activities are covered under the general permit (if the optional MCM is developed), and other information requested by the TCEQ. The NOI must be signed according to TCEQ rules at 30 TAC § 305.44, which establishes requirements regarding who may sign an application for a permit, and requires that a legal certification be made regarding the permit application. The specific language in this rule can be found at:

[http://texreg.sos.state.tx.us/public/readtac\\$ext.ViewTAC?tac_view=3&ti=30&pt=1](http://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=3&ti=30&pt=1)

by searching Chapter 305, Subchapter C (related to Application for Permit).

MS4 operators can locate information regarding the classified segment(s) receiving the discharges from the MS4 in the "Atlas of Texas Surface Waters" at the following TCEQ web address. This document includes identification numbers, descriptions, and maps:

http://www.tceq.texas.gov/comm_exec/forms_pubs/pubs/gi/gi-316/index.html

or use the Surface Water Quality Data Viewer found at the TCEQ web address at:

<https://www.tceq.texas.gov/waterquality/monitoring/index.html>

MS4 operators can find the latest EPA-approved list of impaired water bodies (the Texas 303(d) List) and the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)*, which lists the category 4 and 5 water bodies, at the following TCEQ web address:

http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wqm/305_303.html

MS4 operators need to use the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies to search for impaired water bodies with an approved TMDL, since those water bodies no longer are listed on the CWA 303(d) list.

If a waterbody with a TMDL eventually meets water quality standards, it is moved to category 1 and will be removed from the *Texas Integrated Report of Surface*

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d). However, if the TMDL is still in place for the waterbody, MS4s must continue to follow the TMDL implementation plan for that waterbody to ensure that water quality standards are met.

3. Submission of an NOI and SWMP is an acknowledgment by the regulated small MS4 that the conditions of this general permit are applicable to the proposed discharges and that the applicant agrees to comply with the conditions of the general permit. 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 the general permit. The documents must be submitted by certified mail, return receipt requested, to the address indicated on the NOI form. Following review of the NOI, SWMP, and any public comments received on the application, the executive director will determine that: 1) the submission is complete and confirm coverage by providing a notification and an authorization number, 2) the NOI or SWMP are incomplete and deny coverage until a complete NOI and SWMP are submitted, or 3) approve the NOI and 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 the general permit is subject to the requirements of 30 TAC § 205.4(c). After receiving written approval from the TCEQ, the applicant must implement the approved SWMP in accordance with the terms and conditions of the general permit.
4. If the operational control of the small MS4 changes, the present operator must submit an NOT and the new operator must submit an NOI and SWMP to obtain authorization under this general permit. The NOT and NOI must be submitted concurrently no greater than 10 days after the change occurs.
5. It is the intent of TCEQ to allow a permittee to annex lands and accept the transfer of operational authority over portions of the small MS4 without requiring submittal of an NOC. Implementation of appropriate SWMP elements for the new areas is required in accordance with the general permit. The permittee must notify TCEQ about the new areas in the annual report.
6. A permittee must submit current information to the executive director by submitting a NOC no later than 30 days before a change occurs in information previously provided to the executive director within an NOI.

An NOC is also required for changes to the SWMP that are made after TCEQ has approved the NOI and SWMP. If changes are proposed before the applicant has received written approval of the NOI and SWMP from the TCEQ, then this information must be submitted in a letter to supplement application information.

Updates to the SWMP during the permit term may be made by submittal of a NOC unless the changes are non-substantial in which case no NOC is required. The permit includes: 1) a list of changes that do not require an NOC; 2) a list of changes that require an NOC; and 3) a list of changes that require an NOC and public notice.

If a public notice is required, the permit requires the MS4 to publish the notice on the MS4's website, along with the NOC and revised SWMP for any proposed changes submitted by MS4s classified as a major permit modification. If the MS4 does not have a website, TCEQ will publish the public notice on the TCEQ website.

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The public notice for the original NOI will include the link to the MS4’s or the TCEQ website to provide the public with notice of where the public may view the SWMP, annual report, and public notices for any notices of change that are subject to the requirements for 40 CFR § 122.62.

An NOC must be signed according to TCEQ rules at 30 TAC § 305.44. The permit also includes information regarding time frames for implementing changes requested in an NOC.

7. A discharger may terminate coverage under the general permit by providing a Notice of Termination (NOT) on a form approved by the executive director. The NOT must be signed according to TCEQ rules at 30 TAC § 305.44. 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.

X. Technology-Based Requirements

The conditions established by the general permit are based on CWA §402(p)(3)(B) that mandates that a permit for discharges from MS4s must:

1. Effectively prohibit the discharge of non-stormwater to the MS4; and
2. Require controls to reduce pollutants in discharges from the MS4 to the MEP including BMPs, control techniques, and system, design and engineering methods, and such other appropriate provisions.

The conditions of the proposed general permit were developed to comply with the technology-based standards of the CWA. The draft general permit includes a SWMP requirement that includes MCMs utilizing a series of BMPs, rather than numeric effluent limitations, to address the minimization of pollutants in stormwater discharges to waters of the U.S. The Federal Phase II regulations define a small MS4 SWMP as a program comprising of at least six MCMs that collectively are expected to result in significant reductions of pollutants discharged into receiving water bodies. Implementation of the MEP standard will typically require the development and implementation of BMPs and the achievement of measurable goals to satisfy each of the six MCMs. TCEQ considers that the requirements of the draft general permit, if properly implemented, will meet the MEP standard required in the federal rules at 40 CFR § 122.34.

A statement is continued in the permit that indicates that the BMPs included in the SWMP constitute effluent limitations for the purposes of compliance with 30 TAC Chapter 319, Subchapter B.

The proposed general permit provides for development of an optional 7th MCM that would authorize a small MS4 to discharge stormwater runoff from construction activities disturbing one or more acres where it is the operator. This provision allows the small MS4 the option of separate coverage for these construction activities under TPDES general permit TXR040000 rather than the CGP, TXR150000. Discharges for stormwater runoff from construction support activities including concrete batch plant, asphalt batch plants, equipment staging areas, material storage yards, material borrow areas, and excavated material disposal areas may be authorized under the general permit. The following proposed limitations and monitoring frequencies are applicable to stormwater discharges from concrete batch plants authorized as a support activity at regulated construction sites:

Table 1: Benchmark Monitoring for Concrete Batch plants

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

Benchmark Parameters	Benchmark Value	Sampling Frequency	Sample Type
Oil and Grease	15 mg/L	1/Quarter	Grab
Total Suspended Solids	50 mg/L	1/Quarter	Grab
pH	6.0-9.0 S.U.	1/Quarter	Grab
Total Iron	1.3 mg/L	1/Quarter	Grab

XI. Water Quality-Based Requirements

The Texas Surface Water Quality Standards (TSWQS) found at 30 TAC Chapter 307 state that “surface waters will not be toxic to man, or to terrestrial or aquatic life.” The methodology outlined in the “*Procedures to Implement the Texas Surface Water Quality Standards*” is designed to ensure compliance with 30 TAC Chapter 307. Specifically, the methodology is designed to ensure that no source will be allowed to discharge any waste which: (1) results in instream aquatic toxicity; (2) causes a violation of an applicable narrative or numerical state water quality standard; (3) results in the endangerment of a drinking water supply; or (4) results in aquatic bioaccumulation that threatens human health.

TPDES permits contain technology-based effluent limits reflecting the best controls available. Where these technology-based permit limits do not protect water quality or the designated uses, additional conditions are included in TPDES permits, which may include discharge limitations. State narrative and numerical water quality standards are used in conjunction with EPA criteria and other toxicity databases to determine the adequacy of technology-based permit limits and the need for additional water-quality-based controls.

As previously stated, TPDES stormwater permits do not typically contain water-quality-based effluent limits (WQBELs). As stated in 30 TAC § 307.8(e), controls on the quality of permitted stormwater discharges are largely based on implementing BMPs and/or technology-based limits in combination with instream monitoring to assess standards attainment and to determine whether additional controls on stormwater are needed. Also, according to EPA rules at 40 CFR § 122.34(a), narrative effluent limitations requiring implementation of BMPs are generally the most appropriate form of effluent limitations when designed to satisfy technology requirements (including reductions of pollutants to the MEP) and to protect water quality for small MS4s. It was preliminarily determined that where permit requirements are properly implemented no significant degradation is expected and existing uses will be maintained and protected.

XII. Monitoring

If the small MS4 discharges stormwater from a construction project authorized under this general permit that includes a supporting concrete batch plant, compliance monitoring is required. Discharges from the batch plant must be sampled at a minimum frequency of once per quarter (1/quarter).

The MS4 operator may additionally sample discharges from the small MS4 in order to assess the effectiveness of stormwater MCMs, measure the effectiveness of BMPs, to detect illicit discharges to the small MS4, or for other similar reasons.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The permittee may also be required to identify sources of pollutant(s) of concern where the small MS4 discharges directly to a water body that is impaired for a pollutant present in the discharge. Examples of pollutants of concern that may be present in stormwater discharges are bacteria and sediment.

XIII. Procedures for Final Decision

The MOA between EPA and TCEQ provides that EPA has no more than 90 days to comment, object, or make recommendations to the draft general permit before it is proposed for consideration by the Commissioners of the TCEQ. According to 30 TAC Chapter 205, when the initial draft general permit is submitted for public comment prior to being proposed to the Commission of the TCEQ, notice must be published, at a minimum, in at least one newspaper of statewide or regional circulation and the *Texas Register*. The commission may also publish notice in additional newspapers of statewide or regional circulation. Mailed notice must also be provided to the following:

1. The county judge of the county or counties where the discharges under the general permit are located;
2. If applicable, state and federal agencies whose notice is required in 40 CFR, §124.10(c);
3. Persons on a relevant mailing list kept under 30 TAC § 39.407, relating to Mailing Lists; and
4. Any other person the executive director or chief clerk may elect to include.

After notice of the general permit is published in the *Texas Register* and a newspaper in statewide or regional circulation, there will be a 30 day public comment period to allow the public to provide comment on the proposed general permit.

Any person, agency, or association may request a public meeting on the proposed general permit before the end of the public comment period. A public comment meeting will be held if the executive director determines, on the basis of requests that a significant degree of public interest in the draft general permit exists. A public meeting is for the purpose of receiving public comment and is not a contested case proceeding under the Administrative Procedure Act.

If the executive director decides to hold a public meeting, notice of the date, time, and place of the meeting will be published in the *Texas Register* a minimum of 30 days prior to the meeting, as required by commission rules. The public notice for the draft general permit and for the public meeting(s) may be combined. The public comment is automatically extended until the conclusion of all public meetings on the draft general permit. The executive director will prepare a response to all significant public comments on the draft general permit raised during the public comment period. The proposed general permit will then be filed with the commission to consider issuance of the permit. The executive director's response to public comment will be made available to the public and filed with the chief clerk at least ten days before the commission acts on the proposed general permit, per commission rules.

TCEQs commissioners will consider issuance of the general permit at a regularly scheduled Commission Agenda. If issued, notice of the re-issued general permit will be published in the *Texas Register*. For additional information about this general permit, contact the Stormwater & Pretreatment Team at (512) 239-4671.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

XIV. Administrative Record

The following section is a list of the fact sheet citations to applicable statutory or regulatory provisions and appropriate supporting references.

A. Code of Federal Regulations (CFR) and *Federal Register* (FR) Citations:

40 CFR Chapter 122

Federal Register dated February 17, 1998 (Volume 63, No. 31, Pages 7858-2906)

Federal Register dated December 8, 1999 (Volume 64, No. 235, Pages 68722-68851)

Federal Register dated October 22, 2015 (Volume 80, No. 204, Pages 64064-64158)

Federal Register dated December 9, 2016 (Volume 81, No. 237, Pages 89320-89352)

B. Letters/Memoranda/Records of Communication:

Memorandum from the U.S. EPA (Hanlon) dated April 16, 2004 from, "Implementing the Partial Remand of the Stormwater Phase II Regulations Regarding Notices of Intent & NPDES General Permitting for Phase II MS4s." Stakeholder comments provided to the TCEQ in March 2016 and April, 2016.

Memo from the Water Quality Standards Team of the Water Quality Assessment Section of the TCEQ.

Comment letters received during the initial public notice period.

C. Miscellaneous:

MS4 Permit Improvement Guide, U.S. EPA, Office of Water. Office of Wastewater Management, Water Permits Division, April 2010 (EPA 833-R-10-001).

Compendium of MS4 Permitting Approaches, U.S. EPA, Office of Wastewater Management, Water Permits Division, November 2016.

U.S. Environmental Protection Agency's Fact Sheet No. 2.0, "Stormwater Phase II Final Rule - Small MS4 Stormwater Program Overview," January 2000 (EPA 833-F-00-002).

U.S. Environmental Protection Agency's Fact Sheet No. 2.1, "Stormwater Phase II Final Rule – Who's Covered? Designation and Waivers of Regulated Small MS4s," January 2000 (EPA 833-F-00-003).

U.S. Environmental Protection Agency's Fact Sheet No. 2.2, "Stormwater Phase II Final Rule - Urbanized Area - Definition and Description," December 1999 (EPA 833-F-00-004).

The Clean Water Act, 33 U.S.C. Chapter 26.

Quality Criteria for Water (1986), EPA 440/5 86 001, 5/1/86.

The State of Texas Water Quality Inventory, 13th Edition, Publication No. SFR-50, Texas Natural Resource Conservation Commission, December 1996.

Texas Surface Water Quality Standards, 30 TAC Sections 307.1-307.10 (21 *TexReg* 9765, 4/30/97).

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

*Procedures to Implement the Texas Surface Water Quality Standards, Texas
Commission on Environmental Quality, January 2003.*

30 TAC Chapters 39, 205, 213, 281, 311, 305, 307, 309, 319, 321, and 331

APPENDIX C
MS4 NOIs

**Table 2-0
LOWER RIO GRANDE VALLEY TPDES STORMWATER TASK FORCE**

MS4	Permit No.	2010 Population	MS4 LEVEL
Alamo	TXR040289	18,353	2
Alton	TXR040162	12,341	2
Brownsville	TXR040264	175,023	4
Cameron County	TXR040051	N/A	2
Cameron County Drainage District #1	TXR040236	N/A	2
Donna	TXR040165	15,798	2
Edcouch	TXR040627	3,161	1
Edinburg	TXR040323	77,100	3
Elsa	TXR040416	5,660	1
La Feria	TXR040286	7,302	1
La Joya	TXR040288	3,985	1
La Villa	TXR040404	2,664	1
Los Fresnos	TXR040270	5,542	1
Mercedes	TXR040339	15,570	2
Mission	TXR040168	77,058	3
Palmhurst	TXR040333	2,607	1
Palmview	<u>TXR040536</u>	5,460	1
Primera	TXR040002	4,070	1
San Benito	TXR040161	24,250	2
San Juan	TXR040167	33,856	2
Town of Combes	TXR040628	3,019	1
Weslaco	TXR040262	35,670	2

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600241566
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Alamo
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Robert L. Salinas

Title: Interim City Manager

Organization Name: City of Alamo

Phone Number: 9567870006

Fax Number: 9567876807

Email: bsalinas@alamotexas.org

Mailing Address: 420 N Tower Rd

City, State, and Zip Code: Alamo, TX, 78516

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Ms.

First and Last Name: Melisa Gonzales

Title: Special Projects & Grants

Organization Name: City of Alamo

Phone Number: 9567870006

Fax Number: 9567876807

Email: mgonzales@alamotexas.org

Mailing Address: 420 n Tower Rd.

City, State, and Zip Code: Alamo, TX, 78516

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105586176
2. Name of site as known by the local community:
City of Alamo
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen Urbanized Area
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
The area the City of Alamo is located within the McAllen UA and all areas within the City's Jurisdiction including its urban ETJ

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally "designated" the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
19,442 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|--------------|-------------------|
| 1. <u>See attached</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 2. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 3. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 4. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 5. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 6. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? Sept 30, 2019

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Ms.

First and Last Name: Melisa Gonzales

Title: Special Projects & Grants

Organization Name: City of Alamo

Phone Number: 9567870006

Fax Number: 9567876807

Email: mgonzales@alamotexas.org

Mailing Address: 420 N Tower Rd.

City, State, and Zip Code: Alamo, Tx, 78516

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2301, 2302/2494

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

What is/are the pollutant(s) of concern? PCB, DDE, Mercury, DO, Bacteria/DO Bacteria

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Ms.

First and Last Name: Melisa Gonzales

Title: Special Project & Grants

Company: City of Alamo

Phone Number: 9567870006

Fax Number: 9567876807

Email: mgonzales@alamotexas.org

Mailing Address: 420 N Tower rd.

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: Alamo, TX, 78516

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

Name of Public Place: City of Alamo City Hall

Address of Public Place: 420 N Tower Rd.

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. https://rgvstormwater.org

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600739965
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Alton
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jeff Underwood

Title: City Manager

Organization Name: City of Alton

Phone Number: 956-432-0760

Fax Number: 956-432-0766

Email: jeff.underwood@alton-tx.gov

Mailing Address: 509 S. Alton Blvd.

City, State, and Zip Code: Alton, TX 78573

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jeff Underwood

Title: City Manager

Organization Name: City of Alton

Phone Number: 956-432-0760

Fax Number: 956-432-0766

Email: jeff.underwood@alton-tx.gov

Mailing Address: 509 S. Alton Blvd.

City, State, and Zip Code: Alton, TX 78573

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105533848
2. Name of site as known by the local community:
City of Alton MS4
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen Urbanized Area
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within the City of Alton limits is located within the McAllen Urbanized area and all areas within the City jurisdiction including its Urban Extraterritorial Jurisdiction

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
12,341 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|--------------|-------------------|
| 1. <u>See attached</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 2. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 3. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 4. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 5. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |
| 6. <u>[REDACTED]</u> | <u>TXR04</u> | <u>[REDACTED]</u> |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? Sept 30, 2019

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jeff Underwood

Title: City Manager

Organization Name: City of Alton

Phone Number: 956-432-0760

Fax Number: 956-432-0766

Email: jeff.underwood@alton-tx.gov

Mailing Address: 509 S. Alton Blvd

City, State, and Zip Code: Alton, TX 78573

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2301, 2302/2494

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

What is/are the pollutant(s) of concern? PCB, DDE, Mercury, DO, Bacteria/DO Bacteria

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jeff Underwood

Title: City Manager

Company: City of Alton

Phone Number: 956-432-0760

Fax Number: 956-432-0766

Email: jeff.underwood@alton-tx.gov

Mailing Address: 509 S Alton Blvd.

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: Alton, TX78573

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

Name of Public Place: City of Alton City Hall

Address of Public Place: 509 S. Alton Blvd.

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. https://rgvstormwater.org

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600243448
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
CITY OF BROWNSVILLE
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): MRS.

First and Last Name: CAROL VASQUEZ

Title: ENVIRONMENTAL COORDINATOR/STORMWATER MANAGER

Organization Name: CITY OF BROWNSVILLE

Phone Number: 956-525-3604

Fax Number: 956-831-0180

Email: CAROL@COB.US

Mailing Address: 1001 ELIZABETH ST

City, State, and Zip Code: BROWNSVILLE, TX 78521

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): MRS.

First and Last Name: CAROL VASQUEZ

Title: ENVIRONMENTAL COORDINATOR/STORMWATER MANAGER

Organization Name: CITY OF BROWNSVILLE

Phone Number: 956-525-3604

Fax Number: 956-831-0180

Email: CAROL@COB.US

Mailing Address: 1001 ELIZABETH

City, State, and Zip Code: BROWNSVILLE, TX 78521

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105574156
2. Name of site as known by the local community:
CITY OF BROWNSVILLE
3. Name of the urbanized area(s) the Phase II MS4 is located within:
CITY OF BROWNSVILLE
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
THE AREA WITHIN THE CITY OF BROWNSVILLE LIMITS AND ETJs

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
175,023 People

5. Is the MS4 part of a coalition?
- Yes
- No
6. If yes, list the entity names of the coalition members responsible for implementation of the SWMP *and* their unique TXR04#### number.
1. See Attached

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

7. What is your annual reporting year?
- Calendar year
- Small MS4 General Permit year
- MS4 Fiscal year - What is the last month and day of the fiscal year? [REDACTED]
8. Stormwater Management Program (SWMP)
1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes
2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes
3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?
- Yes
- No. This facility did not have a previous authorization.
4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?
- No. Continue to Question 5.
- Yes.
- If yes, is MCM 7 limited to the regulated area within the urbanized area?
- Yes. Continue to Question 5.
- No
- If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. *Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.*
5. Provide the name and contact information of the person responsible for implementing or coordinating implementation of the SWMP.

Prefix (Mr. or Ms.): MRS.

First and Last Name: CAROL VASQUEZ

Title: ENVIRONMENTAL COORDINATOR/STORMWATER MANAGER

Organization Name: CITY OF BROWNSVILLE

Phone Number: 956-525-3604

Fax Number: 956-831-0180

Email: CAROL@COB.US

Mailing Address: 1001 ELIZABET ST

City, State, and Zip Code: BROWNSVILLE, TX 78521

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? CAMERON COUNTY DRAINAGE DITCHES, PORT OF BROWNSVILLE SHIP CHANNEL, LAGUNA MADREA, SAN MARTIN LAKE, AND THE RIO GRANDE RIVER

2. What is the classified segment number(s) that the discharges will eventually reach? RIO GRANFE RIVER (SEGMENT 2302), PORT OF BROWNSVILLE SHIP CHANNEL (SEGMENT 2494) (SEGMENT 2002) LAGUNA MADRE (2491)

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? RIO GRANFE RIVER (SEGMENT 2302), PORT OF BROWNSVILLE SHIP CHANNEL (SEGMENT 2494) (SEGMENT 2002) LAGUNA MADRE (2491)

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

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Cameron County Drainage District No. 1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mrs.

First and Last Name: CAROL VASQUEZ

Title: ENVIRONMENTAL COORDINATOR/STORMWATER MANAGER

Company: CITY OF BROWNSVILLE

Phone Number: 956-525-3604

Fax Number: 956-831-0180

Email: CAROL@COB.US

Mailing Address: 1001 ELIZABETH ST

Internal Routing (Mail Code, Etc.): PUBLIC WORKS

City, State, and Zip Code: BROWNSVILLE, TX 78521

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

Name of Public Place: CITY OF BROWNSVILLE PUBLIC WORKS DEPARTMENT

Address of Public Place: 6035 JAIME J ZAPATA AVE

County of Public Place: CAMERON COUNTY

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. WWW.COB.US

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600343271
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
County of Cameron
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Eddie Trevino, Jr.

Title: Cameron County Judge

Organization Name: Cameron County

Phone Number: 956-544-0801

Fax Number: 956-544-0803

Email: etrevino@co.cameron.tx.us

Mailing Address: 1100 E Monroe St.

City, State, and Zip Code: Brownsville, TX 78520

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Ms.

First and Last Name: Paolina Vega

Title: County Engineer

Organization Name: Cameron County

Phone Number: 956-247-3533

Fax Number: 956-361-8278

Email: Paolina.vega@co.cameron.tx.us

Mailing Address: 1390 W. Expressway 83

City, State, and Zip Code: San Benito, TX 78586

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105483655
2. Name of site as known by the local community:
County of Cameron
3. Name of the urbanized area(s) the Phase II MS4 is located within:
Harlingen Urbanized area
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
The MS4 regulated boundaries of Cameron County is within the Harlingen urbanized area.

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
438,000 People

5. Is the MS4 part of a coalition?

Yes

No

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

1. See Attached

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. *Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.*

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

Prefix (Mr. or Ms.): Ms.

First and Last Name: Paolina Vega

Title: City Engineer

Organization Name: Cameron County

Phone Number: 956-247-2533

Fax Number: 956-361-8278

Email: Paolina.vega@co.cameron.tx.us

Mailing Address: 1390 E. Expressway 83

City, State, and Zip Code: San Benito, TX 78586

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado, Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

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

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? City of Brownsville, City of Harlingen, and City of San Benito, Cameron County Drainage District No. 1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Ms.

First and Last Name: Paolina Vega

Title: Cameron County Engineer

Company: Cameron County

Phone Number: 956-247-3533

Fax Number: 956-361-8278

Email: Paolina.vega@co.cameron.tx.us

Mailing Address: 1390 W. Expressway 83

Internal Routing (Mail Code, Etc.): Eng. Dept.

City, State, and Zip Code: San Benito, TX 78586

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

Name of Public Place: Cameron County Annex Bldg (Dept. of Transportation)

Address of Public Place: 1390 W. Expressway83 San Benito, TX 78586

County of Public Place: Cameron County

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.co.cameron.tx.us

Section 1. OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600739452
- b) What is the exact Legal Name of the entity (applicant) applying for this permit?
Cameron County Drainage District #1
- c) Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Albert Barreda

Title: Chief of Operations General Manager

Organization Name: Cameron County Drainage District #1

Phone Number: 956-838-0162

Fax Number: 956-831-7602

Email: abarreda@ccdd1.org

Mailing Address: 3510 Old Port Isabel Road

City, State, and Zip Code: Brownsville, TX 78526

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Albert Barreda

Title: Chief of Operations General Manager

Organization Name: Cameron County Drainage District #1

Phone Number: 956-838-0162

Fax Number: 956-831-7602

Email: abarreda@ccdd1.org

Mailing Address: 3510 Old Port Isabel Road

City, State, and Zip Code: Brownsville, TX 78526

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

- a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105564447
- b) Name of site as known by the local community:
Cascade Park
- c) Name of the urbanized area(s) the Phase II MS4 is located within:
Brownsville UA
- d) Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area:*
All areas within the jurisdiction of the Cameron County Drainage District #1

Section 5. GENERAL CHARACTERISTICS

- a) Is this site located on Indian Country Lands?
- Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
- No, continue to item b
- b) Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
- Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
- No
- c) Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
- Level 1:** Traditional small MS4s with a population of less than 10,000.
- Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.
- Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
- Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
- Level 4:** Traditional small MS4s with a population of 100,000 or more.
- d) What is the estimated current population served by your MS4 (regulated area?)
300,000 People

e) Is the MS4 part of a coalition?

Yes

No

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

- 1. See attached TXR04 click here to enter text
- 2. click here to enter text TXR04 click here to enter text
- 3. click here to enter text TXR04 click here to enter text
- 4. click here to enter text TXR04 click here to enter text
- 5. click here to enter text TXR04 click here to enter text
- 6. click here to enter text TXR04 click here to enter text

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

g) What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

h) Stormwater Management Program (SWMP)

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

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. *Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7*

in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Albert Barreda

Title: Chief of Operations General Manager

Organization Name: Cameron County Drainage District #1

Phone Number: 956-838-0162

Fax Number: 956-831-7602

Email: abarreda@ccdd1.org

Mailing Address: 3510 Old Port Isabel Road

City, State, and Zip Code: Brownsville, TX 78526

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? San Martin Lake, Brownsville Ship Channel, Laguna Madre, Gulf of Mexico
2. What is the classified segment number(s) that the discharges will eventually reach? 2491, 2494, 2501

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado, Laguna Madre, Brownsville Ship Channel

What is/are the pollutants(s) of concern? PCB, DDE, Mercury, DO, Bacteria/DO Bacteria/Bacteria

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? [REDACTED]

No

6. Edwards Aquifer Rule

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

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

No

j) Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Albert Barreda

Title: Chief of Operations General Manager

Company: Cameron County Drainage District #1

Phone Number: 956-838-0162

Fax Number: 956-831-7602

Email: abarreda@ccdd1.org

Mailing Address: 3510 Old Port Isabel Road

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: Brownsville, TX 78526

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

Name of Public Place: Cameron County Drainage District #1

Address of Public Place: 3510 Old Port Isabel Road, Brownsville, TX 78526

County of Public Place: Cameron

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.ccdd1.org

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600737886
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Donna
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Calos Yerena

Title: City Manager

Organization Name: City of Donna

Phone Number: 956-464-3314

Fax Number: 956-464-9923

Email: cyerena@cityofdonna.org

Mailing Address: 307 S 12th St

City, State, and Zip Code: Donna, Texas 78537

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Rogelio Jimenez

Title: Building Official

Organization Name: City of Donna

Phone Number: 956-464-3314

Fax Number: 956-464-9923

Email: rjimenez@cityofdonna.org

Mailing Address: 307 S 12th St

City, State, and Zip Code: Donna, Texas 78537

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105535355
2. Name of site as known by the local community:
City of Donna
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
AREA WITHIN THE CITY OF DONNA LIMITS THAT IS LOCATED WITHIN THE MCALLEN URBANIZED AREA AND ALL AREAS WITHIN THE CITY JURISDICTION INCLUDING ITS URBAN EXTRA TERRITORIAL

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
15,798 People

5. Is the MS4 part of a coalition?

Yes

No

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

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

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Carlos Yerena

Title: City Manager

Organization Name: City of Donna

Phone Number: 956-464-3314

Fax Number: 956-464-9923

Email: cyerena@cityofdonna.org

Mailing Address: 307 S 12th St.

City, State, and Zip Code: Donna, Texas 78537

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2201, 2202/2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District # 1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Rogelio Jimenez

Title: Building Official

Company: City of Donna

Phone Number: 956-464-3314

Fax Number: 956-464-9923

Email: rjimenez@cityofdonna.org

Mailing Address: 307 S 12th St.

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Donna, Texas 78537

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

Name of Public Place: Donna City Hall

Address of Public Place: 307 S 12th St

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityofdonna.org

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600626683
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Edcouch
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Victor Hugo De La Garza

Title: City Administrator

Organization Name: City of Edcouch

Phone Number: 956-262-7362

Fax Number: 956-262-2920

Email: citymanager@cityofedcouch.org

Mailing Address: PO Box 200

City, State, and Zip Code: Edcouch, Texas 78538

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Victor Hugo De La Cruz

Title: City Administrator

Organization Name: City of Edcouch

Phone Number: 956-262-7362

Fax Number: 956-262-2920

Email: citymanager@cityofedcouch.org

Mailing Address: PO Box 200

City, State, and Zip Code: Edcouch, Texas 78538

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105864805
2. Name of site as known by the local community:
City of Edcouch
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
City of Edcouch limits and ETJ boundaries within the McAllen UA

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
3,161 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|-------|------------|
| 1. <u>see attached</u> | TXR04 | [redacted] |
| 2. [redacted] | TXR04 | [redacted] |
| 3. [redacted] | TXR04 | [redacted] |
| 4. [redacted] | TXR04 | [redacted] |
| 5. [redacted] | TXR04 | [redacted] |
| 6. [redacted] | TXR04 | [redacted] |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [redacted]

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

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

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

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Victor Hugo De La Cruz

Title: City Administrator

Organization Name: City of Edcouch

Phone Number: 945-262-7362

Fax Number: 956-262-2920

Email: citymanager@cityofedcouch.org

Mailing Address: PO Box 200

City, State, and Zip Code: Edcouch, Texas 78538

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Victor Hugo De La Cruz

Title: City Administrator

Company: City of Edcouch

Phone Number: 956-262-7362

Fax Number: 956-262-2920

Email: citymanager@cityofedcouch.org

Mailing Address: PO Box 200

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: Edcouch, Texas 78538

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

Name of Public Place: Edcouch City Hall

Address of Public Place: PO Box 200

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.edcouchtx.us

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600647978
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City Of Edinburg
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Vincent Romero

Title: Director of Public Works

Organization Name: City Of Edinburg

Phone Number: 956-388-8958

Fax Number: 956-292-2117

Email: vromero@cityofedinburg.com

Mailing Address: 415 W University Dr.

City, State, and Zip Code: Edinburg, Texas, 78539

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Robert Valenzuela Jr.

Title: Stormwater Specialist

Organization Name: City Of Edinburg

Phone Number: 956-388-8959

Fax Number: 956-292-2117

Email: rvalenzuela@cityofedinburg.com

Mailing Address: 415 W University Dr.

City, State, and Zip Code: Edinburg, Texas, 78539

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105591838
2. Name of site as known by the local community:
City of Edinburg
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within the City of Edinburg limits that is located within the McAllen urbanized area

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
77,000 People

5. Is the MS4 part of a coalition?

Yes

No

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

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

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Robert Valenzuela Jr.

Title: Stormwater Specialist

Organization Name: City Of Edinburg

Phone Number: 956-388-8958

Fax Number: 956-292-2117

Email: rvalenzuela@cityofedinburg.com

Mailing Address: 415 W University Dr.

City, State, and Zip Code: Edinburg, Texas, 78539

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Robert Valenzuela Jr.

Title: Stormwater Specialist

Company: City Of Edinburg

Phone Number: 956-388-8958

Fax Number: 956-292-2117

Email: rvalenzuela@cityofedinburg.com

Mailing Address: 415 W University Dr.

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Edinburg, Texas, 78539

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

Name of Public Place: Public Works Service Center

Address of Public Place: 1201 N Doolittle Rd. Edinburg, Texas 78539

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityofedinburg.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600661409
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Elsa
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Ms.

First and Last Name: Christi Ponce

Title: Accounts Payable

Organization Name: City of Elsa

Phone Number: 956-262-2127

Fax Number: 956-262-5002

Email: cponce@cityofelsa.net

Mailing Address: PO Box 427

City, State, and Zip Code: Elsa, Texas 78543

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: JJ Ybarra

Title: City Manager

Organization Name: City of Elsa

Phone Number: 956-2622-2127

Fax Number: 956-262-5002

Email: jjybarracitymanager@cityofelsa.net

Mailing Address: PO Box 427

City, State, and Zip Code: Elsa, Texas 78543

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 106088248
2. Name of site as known by the local community:
City of Elsa
3. Name of the urbanized area(s) the Phase II MS4 is located within:
Elsa Limits
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within city of Elsa Limits and ETJ within McAllen UA

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
5,660 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|-------|------------|
| 1. <u>see attached</u> | TXR04 | [redacted] |
| 2. [redacted] | TXR04 | [redacted] |
| 3. [redacted] | TXR04 | [redacted] |
| 4. [redacted] | TXR04 | [redacted] |
| 5. [redacted] | TXR04 | [redacted] |
| 6. [redacted] | TXR04 | [redacted] |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [redacted]

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

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

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

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: JJ Ybarra

Title: City Manager

Organization Name: City of Elsa

Phone Number: 956-262-2127

Fax Number: 956-262-5002

Email: jjybarracitymanager@cityofelsa.net

Mailing Address: PO Box 427

City, State, and Zip Code: Elsa, Texas 78543

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: JJ Ybarra

Title: City Manager

Company: City of Elsa

Phone Number: 956-262-2127

Fax Number: 956-363-5002

Email: jjybarracitymanager@cityofelsa.net

Mailing Address: PO Box 427

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Elsa, Texas

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

Name of Public Place: Elsa City Hall

Address of Public Place: 102 S Diana St.

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityofelsa.net

Do not have a website.

Section 1. OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600520845
- b) What is the exact Legal Name of the entity (applicant) applying for this permit?
City of La Feria
- c) Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jaime Sandoval

Title: City Manager

Organization Name: City of La Feria

Phone Number: 956-797-2261

Fax Number: 956-797-1898

Email: jsandoval@cityoflaferia.com

Mailing Address: 115 East Commercial Ave.

City, State, and Zip Code: La Feria, TX 78559

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jaime Sandoval

Title: City Manager

Organization Name: City of La Feria

Phone Number: 956-797-2261

Fax Number: 956-797-1898

Email: jsandoval@cityoflaferia.com

Mailing Address: 115 East Commercial Ave.

City, State, and Zip Code: La Feria, TX 78559

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

- a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105586036
- b) Name of site as known by the local community:
City of La Feria
- c) Name of the urbanized area(s) the Phase II MS4 is located within:
Harlingen UA
- d) Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area:*
Area within the City of La Feria and its ETJs within the Harlingen UA

Section 5. GENERAL CHARACTERISTICS

- a) Is this site located on Indian Country Lands?
- Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
- No, continue to item b
- b) Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
- Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
- No
- c) Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
- Level 1:** Traditional small MS4s with a population of less than 10,000.
- Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.
- Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
- Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
- Level 4:** Traditional small MS4s with a population of 100,000 or more.
- d) What is the estimated current population served by your MS4 (regulated area?)
7302 People

e) Is the MS4 part of a coalition?

Yes

No

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

1. see attached TXR04 [redacted]
2. [redacted] TXR04 [redacted]
3. [redacted] TXR04 [redacted]
4. [redacted] TXR04 [redacted]
5. [redacted] TXR04 [redacted]
6. [redacted] TXR04 [redacted]

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

g) What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [redacted]

h) Stormwater Management Program (SWMP)

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

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. *Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7*

in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jaime Sandoval

Title: City Manager

Organization Name: City of Donna

Phone Number: 956-797-2261

Fax Number: 956-797-1898

Email: jsandoval@cityoflaferia.com

Mailing Address: 115 East Commercial Ave.

City, State, and Zip Code: La Feria, TX 78559

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2201, 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? [REDACTED]

No

6. Edwards Aquifer Rule

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

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

No

j) Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jaime Sandoval

Title: City Manager

Company: City of La Feria

Phone Number: 956-797-2261

Fax Number: 956-797-1898

Email: jsandoval@cityoflaferia.com

Mailing Address: 115 East Commercial Ave.

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: La Feria, TX 78559

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

Name of Public Place: La Feria City Hall

Address of Public Place: 115 East Commercial Ave, La Feria, TX.

County of Public Place: Cameron

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityoflaferia.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600704639
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of La Joya
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Isidro Venecia

Title: Stormwater Manager

Organization Name: City of La Joya

Phone Number: 956-581-7002

Fax Number:

Email: isidrovenecia@yahoo.com

Mailing Address: 101 Leo Ave

City, State, and Zip Code: La Joya, TX 78560

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Isidro Venecia

Title: Stormwater Manager

Organization Name: City of La Joya

Phone Number: 956-581-7002

Fax Number:

Email: isidrovenecia@yahoo.com

Mailing Address: 101 Leo Ave

City, State, and Zip Code: La Joya, TX 78560

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 101920361
2. Name of site as known by the local community:
City of La Joya
3. Name of the urbanized area(s) the Phase II MS4 is located within:
City of La Joya
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within the City of La Joya and its ETJs within McAllen urbanized area

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
3985 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|-------|------------|
| 1. <u>see attached</u> | TXR04 | [redacted] |
| 2. [redacted] | TXR04 | [redacted] |
| 3. [redacted] | TXR04 | [redacted] |
| 4. [redacted] | TXR04 | [redacted] |
| 5. [redacted] | TXR04 | [redacted] |
| 6. [redacted] | TXR04 | [redacted] |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [redacted]

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

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

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

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Isidro Venecia

Title: Stormwater Manager

Organization Name: City of La Joya

Phone Number: 956-581-7002

Fax Number: [REDACTED]

Email: isidrovenecia@yahoo.com

Mailing Address: 101 Leo Ave

City, State, and Zip Code: La Joya, TX 78560

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Rio Grande River, Arroyo Colorado, Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2302/2201, 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado, Laguna Madre

What is/are the pollutants(s) of concern? Bacteria, DO, Mercury

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Isidro Venecia

Title: Stormwater Manager

Company: City of La Joya

Phone Number: 056-581-7006

Fax Number: [REDACTED]

Email: isidrovenecia@yahoo.com

Mailing Address: 101 Leo Ave

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: La Joya, TX 78560

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

Name of Public Place: La Joya City Hall

Address of Public Place: 101 Leo Ave La Joya, TX 78560

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityoflajoya.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600643217
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
CITY OF LA VILLA
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): MR.

First and Last Name: DAVID ALANIZ

Title: CITY MANAGER

Organization Name: CITY OF LA VILLA

Phone Number: 956-351-1247

Fax Number: 956-252-2516

Email: AAMARO@CITYOFLAVILLA.ORG

Mailing Address: PO BOX 561

City, State, and Zip Code: LA VILLA, TX 78562

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): MR.

First and Last Name: DAVID ALANIZ

Title: OPEARING MANAER

Organization Name: CITY OF LA VILLA

Phone Number: 956-351-1247

Fax Number: 956-262-2516

Email: AAMARO@CITYOFLAVILLA.ORG

Mailing Address: PO BOX 60

City, State, and Zip Code: LA VILLA, TX 78562

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 10593777
2. Name of site as known by the local community:
CITY OF LA VILLA
3. Name of the urbanized area(s) the Phase II MS4 is located within:
MCALLEN UA
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
AREA WITHIN THE CITY OF LA VILLA LIMITS AND ITS ETJ

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
LESS THAN 10,000 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|-------|------------|
| 1. <u>see attached</u> | TXR04 | [REDACTED] |
| 2. [REDACTED] | TXR04 | [REDACTED] |
| 3. [REDACTED] | TXR04 | [REDACTED] |
| 4. [REDACTED] | TXR04 | [REDACTED] |
| 5. [REDACTED] | TXR04 | [REDACTED] |
| 6. [REDACTED] | TXR04 | [REDACTED] |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [REDACTED]

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

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

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

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

Prefix (Mr. or Ms.): MR.

First and Last Name: DAVID ALANIZ

Title: OPERATIONS MANAGER

Organization Name: CITY OF LA VILLA

Phone Number: 956-351-1247

Fax Number: 956-262-2516

Email: OPERATIONS@CITYOFLAVILLA.ORG

Mailing Address: PO BOX 60

City, State, and Zip Code: LA VILLA, TX 78562

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? LAGUNA MADRE
2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): MR.

First and Last Name: ARNIE AMARO

Title: CITY MANAGER

Company: CITY OF LA VILLA

Phone Number: 956-262-2122

Fax Number: 956-262-2516

Email: AAMARO@CITYOFLAVILLA.ORG

Mailing Address: PO BOX 60

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: LA VILLA, TX 78562

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

Name of Public Place: CITY OF LA VILLA

Address of Public Place: PO BOX 60

County of Public Place: HIDALGO

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. WWW.CITYOFLAVILLA.ORG

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600241483
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
CITY OF LOS FRESNOS
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): MR.

First and Last Name: MARK MILUM

Title: CITY MANAGER

Organization Name: CITY OF LOS FRESNOS

Phone Number: 956-233-5768

Fax Number: 956-233-9768

Email: MMILUM@CITYLF.US

Mailing Address: 200 N. BRAZIL

City, State, and Zip Code: LOS FRESNOS, TX 78566

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): MR.

First and Last Name: MARK MILUM

Title: CITY MANAGER

Organization Name: CITY OF LOS FRESNOS

Phone Number: 956-233-5768

Fax Number: 956-233-9768

Email: MMILUM@CITYLF.US

Mailing Address: 200 N. BRAZIL

City, State, and Zip Code: LOS FRESNOS, TX 78566

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105576573
2. Name of site as known by the local community:
CITY OF LOS FRESNOS
3. Name of the urbanized area(s) the Phase II MS4 is located within:
Brownsville
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
AREA WITHIN THE CITY OF LOS FRESNOS LIMITS THAT IS LOCATED WITHIN THE BROWNSVILLE URBANIZED AREA

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
5542 People

5. Is the MS4 part of a coalition?

Yes

No

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

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

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): MR.

First and Last Name: MARK MILUM

Title: CITY MANAGER

Organization Name: CITY OF LOS FRESNOS

Phone Number: 956-233-5768

Fax Number: 956-233-9768

Email: MMILUM@CITYLF.US

Mailing Address: 200 N. BRAZIL

City, State, and Zip Code: LOS FRESNOS, TX 78566

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? CAMERON COUNTY DRAINAGE DISTRICT NUMBER 1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): MR.

First and Last Name: MARK MILUM

Title: CITY MANAGER

Company: CITY OF LOS FRESNOS

Phone Number: 956-233-5768

Fax Number: 956-9768

Email: MMILUM@CITYLF.US

Mailing Address: 200 N. BRAZIL

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: LOS FRESNOS, TX 78566

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

Name of Public Place: CITY HALL

Address of Public Place: 200 N. BRAZIL; LOS FRESNOS, TX 78566

County of Public Place: CAMERON

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityoflosfresnos.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600247837
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Mercedes
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jose Figueroa

Title: Stormwater Manager

Organization Name: City of Mercedes

Phone Number: 956-565-3114

Fax Number: 956-565-8592

Email: jfigueroa@cityofmercedes.com

Mailing Address: PO Box 837

City, State, and Zip Code: Mercedes, Texas 78570

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jose Figueroa

Title: Stormwater Manager

Organization Name: City of Mercedes

Phone Number: 956-565-3114

Fax Number: 956-565-8592

Email: jfigueroa@cityofmercedes.com

Mailing Address: PO Box 837

City, State, and Zip Code: Mercedes, Texas 78570

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105595052
2. Name of site as known by the local community:
City of Mercedes
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen UA
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within City of Mercedes Limits and ETJ within McAllen UA

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
16,734 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|-----------------------------------|-------|--------------------------------|
| 1. <u>see attached</u> | TXR04 | <u>link here to enter text</u> |
| 2. <u>link here to enter text</u> | TXR04 | <u>link here to enter text</u> |
| 3. <u>link here to enter text</u> | TXR04 | <u>link here to enter text</u> |
| 4. <u>link here to enter text</u> | TXR04 | <u>link here to enter text</u> |
| 5. <u>link here to enter text</u> | TXR04 | <u>link here to enter text</u> |
| 6. <u>link here to enter text</u> | TXR04 | <u>link here to enter text</u> |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? link here to enter text

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

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

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

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jose Figueroa

Title: Stormwater Manager

Organization Name: City of Mercedes

Phone Number: 956-565-6147

Fax Number: 956-565-9675

Email: jfigueroa@cityofmercedes.com

Mailing Address: PO Box 837

City, State, and Zip Code: Mercedes, Texas 78570

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2201, 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

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

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Jose Figueroa

Title: Stormwater Manager

Company: City of Mercedes

Phone Number: 956-565-6147

Fax Number: 956-565-9675

Email: jfigueroa@cityofmercedes.com

Mailing Address: PO Box 837

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: Mercedes, Texas 78570

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

Name of Public Place: Mercedes City Hall

Address of Public Place: 400 S. Ohio St., Mercedes, TX

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityofmercedes.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600520852
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Mission
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Randy Perez

Title: City Manager

Organization Name: City of Mission

Phone Number: 956-580-8650

Fax Number:

Email: jperez@missiotexas.us

Mailing Address: 1201 E 8th St

City, State, and Zip Code: Mission, Texas 78572

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Juan De La Garza

Title: Project Manager

Organization Name: City of Mission

Phone Number: 956-580-8650

Fax Number: 956-580-8782

Email: jdlgarza@missiontexas.us

Mailing Address: 1201 E 8th St

City, State, and Zip Code: Mission, Texas 78572

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105535462
2. Name of site as known by the local community:
City of Mission
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within the city of Mission limits that is located within the McAllen urbanized area and all areas within the city jurisdiction including its urban extra territorial jurisdiction.

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)

77058 People

5. Is the MS4 part of a coalition?

Yes

No

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

1. See Attached TXR04 [REDACTED]

2. [REDACTED] TXR04 [REDACTED]

3. [REDACTED] TXR04 [REDACTED]

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [REDACTED]

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-

7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Juan De La Garza

Title: Project Manager

Organization Name: City of Mission

Phone Number: 956-580-8650

Fax Number: 956-580-8782

Email: jdlgarza@cityofmission.us

Mailing Address: 1201 E 8th St

City, State, and Zip Code: Mission, Texas 78572

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado, Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2201, 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

What is/are the pollutants(s) of concern? DDE PCB Mercury DO Bacteria/DO Bacteria

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

5. Edwards Aquifer Rule

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

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

No

6. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Juan De La Garza

Title: Project Manager

Company: City of Mission

Phone Number: 956-580-8650

Fax Number: 956-580-8782

Email: jldgarza@cityofmission.us

Mailing Address: 1201 E 8th St

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: Mission, Texas 78572

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

Name of Public Place: Mission City Hall

Address of Public Place: 1201 E 8th St Mission, Texas 78572

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.missiontexas.us

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 601099039
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
CITY OF PALMHURST
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): MR.

First and Last Name: LUPE GARCIA

Title: STORMWATER MANAGER

Organization Name: CITY OF PALMHURST

Phone Number: 956-583-8697

Fax Number: 956-581-4630

Email: LGARCIA@CITYOFPALMHURST.COM

Mailing Address: 4417 N SHARY RD

City, State, and Zip Code: PALMHURST, TX 78573

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): MR.

First and Last Name: LUPE GARCIA

Title: STORMWATER MANAGER

Organization Name: CITY OF PALMHURST

Phone Number: 956-583-8697

Fax Number: 956-581-4630

Email: LGARCIA@CITYOFPALMHURST.COM

Mailing Address: 4417 N SHARY RD

City, State, and Zip Code: PALMHURST, TX 78573

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105593149
2. Name of site as known by the local community:
CITY OF PALMHURST
3. Name of the urbanized area(s) the Phase II MS4 is located within:
MCALLEN URABANIZED AREA
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
THE CITY OF PALMHURST IS LOCATED WITHIN THE MCALLEN URBANIZED AREA AND ALL AREAS WITHIN THE CITY'S JURISDICTION

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally "designated" the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
2,607 People

5. Is the MS4 part of a coalition?

Yes

No

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

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

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): MR.

First and Last Name: LUPE GARCIA

Title: STORMWATER MANAGER

Organization Name: CITY OF PALMHURST

Phone Number: 945-581-4630

Fax Number: 945-581-4630

Email: LGARCIA@CITYOFPALMHURST.COM

Mailing Address: 4417 N SHARY RD

City, State, and Zip Code: PALMHURST, TEXAS 78573

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? LAGUNA MADRE

2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): MR.

First and Last Name: LUPE GARCIA

Title: STORMWATER MANAGER

Company: CITY OF PALMHURST

Phone Number: 956-583-8697

Fax Number: 956-581-4630

Email: LGARCIA@CITYOFPALMHURST.COM

Mailing Address: 4417 N SHARY RD

Internal Routing (Mail Code, Etc.): [REDACTED]

City, State, and Zip Code: PALMHURST, TX 78573

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

Name of Public Place: CITY OF PALMHURST

Address of Public Place: 4417 N SHARY RD PALMHURST, TX 78572

County of Public Place: HIDALGO

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. WWW.CITYOFPALMHURSTTX.COM

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600686216
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Palmview
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Rodolfo Flores III

Title: Planning Director

Organization Name: City of Palmview

Phone Number: 956-432-0300

Fax Number: 956-581-7494

Email: flores@cityofpalmview.us

Mailing Address: 400 W Veterans Blvd

City, State, and Zip Code: Palmview, TX 78572

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Rodolfo Flores III

Title: Planning Director

Organization Name: City of Palmview

Phone Number: 956-434-0300

Fax Number: 956-581-7494

Email: rflores@cityofpalmview.us

Mailing Address: 400 W Veterans Blvd

City, State, and Zip Code: Palmview, TX 78572

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 107605818
2. Name of site as known by the local community:
City of Palmview
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within the City of Palmview limits and all areas within its ETJ that is located within the McAllen urbanized area

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
5,460 People

5. Is the MS4 part of a coalition?

Yes

No

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

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

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Rodolfo Flores III

Title: Planning Director

Organization Name: City of Palmview

Phone Number: 956-432-0300

Fax Number: 956-581-7494

Email: rflores@cityofpalmview.us

Mailing Address: 400 W Veterans Blvd

City, State, and Zip Code: Palmview, TX 78572

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2201, 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District 1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Rodolfo Flores III

Title: Planning Director

Company: City of Palmview

Phone Number: 956-432-0300

Fax Number: 956-581-7494

Email: rflores@cityofpalmview.us

Mailing Address: 400 W Veterans Blvd.

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Palmview, Tx 78572

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

Name of Public Place: City of Palmview City Hall

Address of Public Place: 400 W Veterans Blvd Palmview, TX 78572

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityofpalmview.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600656136
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
CITY OF PRIMERA
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): MS.

First and Last Name: OLGA ZAPATA

Title: OFFICE MANAGER

Organization Name: CITY OF PRIMERA

Phone Number: 956-423-9654

Fax Number: 956-423-2166

Email: OLGA@CITYOFPRIMERA.COM

Mailing Address: 22893 STUART PLACE ROAD

City, State, and Zip Code: HARLINGEN, TX 78552

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): MA.

First and Last Name: VERONICA FLORES

Title: CITY SECRETARY

Organization Name: CITY OF PRIMERA

Phone Number: 956-423-9654

Fax Number: 956-423-2166

Email: RONNIE@CITYOFPRIMERA.COM

Mailing Address: 22893 STUART PLACE ROAD

City, State, and Zip Code: HARLINGEN, TX 78552

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105472047
2. Name of site as known by the local community:
CITY OF PRIMERA
3. Name of the urbanized area(s) the Phase II MS4 is located within:
HARLINGEN UA
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
AREA WITHIN THE CITY LIMITS OF PRIMERA AND ITS ETJ

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
5,500 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|-------|------------|
| 1. <u>SEE ATTACHED</u> | TXR04 | [REDACTED] |
| 2. [REDACTED] | TXR04 | [REDACTED] |
| 3. [REDACTED] | TXR04 | [REDACTED] |
| 4. [REDACTED] | TXR04 | [REDACTED] |
| 5. [REDACTED] | TXR04 | [REDACTED] |
| 6. [REDACTED] | TXR04 | [REDACTED] |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? [REDACTED]

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

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

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

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

Prefix (Mr. or Ms.): MRS.

First and Last Name: VERONICA FLORES

Title: CITY SECRETARY

Organization Name: CITY OF PRIMERA

Phone Number: 956-423-9654

Fax Number: 956-423-2166

Email: RONNIE@CITYOFPRIMERA.COM

Mailing Address: 22893 STUART PLACE ROAD

City, State, and Zip Code: HARLINGEN, TX 78552

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator? CAMERON COUNTY DRAINAGE DISTRICT # 5

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): MRS.

First and Last Name: VERONICA FLORES

Title: CITY SECRETARY

Company: CITY OF PRIMERA

Phone Number: 956-423-9654

Fax Number: 956-423-2166

Email: RONNIE@CITYOFPRIMERA.COM

Mailing Address: 22893 STUART PLACE ROAD

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: HARLINGE, TX 78552

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

Name of Public Place: CITY OF PRIMERA

Address of Public Place: 22893 STUART PLACE ROAD PRIMERA, TX 78552

County of Public Place: CAMERON

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. WWW.CITYOFPRIMERA.COM

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600755326
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of San Benito
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Bernard Rodriguez

Title:

Organization Name: City of San Benito

Phone Number: 956-361-3804

Fax Number: 956-456-8921

Email: brodriguez@cityofsanbenito.com

Mailing Address: 401 N Sam Houston

City, State, and Zip Code: Sam Houston, Texas 78586

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Bernard Rodriguez

Title:

Organization Name: City of San Benito

Phone Number: 956-361-3804

Fax Number: 956-456-8921

Email: brodriguez@cityofsanbenito.com

Mailing Address: 401 N Sam Houston

City, State, and Zip Code: San Benito, Texas 78586

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105533640
2. Name of site as known by the local community:
City of San Benito
3. Name of the urbanized area(s) the Phase II MS4 is located within:
Harlingen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Area within the City of San Benito limits that is located within the Harlingen urbanized area and all areas within the city jurisdiction including its urban extra territorial jurisdiction

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
24,250 People

5. Is the MS4 part of a coalition?

Yes

No

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

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

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Bernard Rodriguez

Title: [REDACTED]

Organization Name: City of San Benito

Phone Number: 956-361-3804

Fax Number: 956-456-8921

Email: brodriguez@cityofsanbenito.com

Mailing Address: 401 N Sam Houston

City, State, and Zip Code: San Benito, Texas 78586

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado, Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2201, 2202, 2491

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

Directly

Indirectly

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

Yes

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

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District # 1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Bernard Rodriguez

Title:

Company: City of San Benito

Phone Number: 956-361-3904

Fax Number: 956-456-8921

Email: brodriguez@cityofsanbenito.com

Mailing Address: 401 N Sam Houston

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: San Benito, Texas 78586

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

Name of Public Place: San Benito City Hall

Address of Public Place: 401 N Sam Houston

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.cityofsanbenito.com

Do not have a website.

Section 1. OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600247050
- b) What is the exact Legal Name of the entity (applicant) applying for this permit?
City of San Juan
- c) Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Benjamin Arjona

Title: Cit6y Manager

Organization Name: City of San Juan

Phone Number: 956-223-2206

Fax Number: 956-787-5978

Email: barjona@sjtx.us

Mailing Address: 709 S. Nebraska Ave.

City, State, and Zip Code: San Juan, Texas 78589

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: David Salinas

Title: Director of Utilities

Organization Name: City of San Juan

Phone Number: 956-223-2303

Fax Number: 956-787-5978

Email: dsalinas@sjtx.us

Mailing Address: 709 S. Nebraska Ave

City, State, and Zip Code: San Juan, Texas 78589

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

- a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105535413
- b) Name of site as known by the local community:
City of San Juan
- c) Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen UA
- d) Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area:*
AREA WITHIN THE CITY OF SAN JUAN LIMITS THAT IS LOCATED WITHIN THE MCALLEN URBANIZED AREA AND ALL AREAS WITHIN THE CITY JURISDICTION INCLUDING ITS URBAN EXTRA TERRITORIAL JURISDICTION SAN JUAN 78589

Section 5. GENERAL CHARACTERISTICS

- a) Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
- b) Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
- c) Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
- d) What is the estimated current population served by your MS4 (regulated area?)
37154 People
- e) Is the MS4 part of a coalition?

Yes

No

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

1. Alamo TXR04 0289
2. Alton TXR04 0162
3. Cameron County TXR04 0051
4. Cameron County Drainage District #1 TXR04 0236
5. Donna TXR04 0165
6. Edinburg TXR04 0323

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

g) What is your annual reporting year?

Calendar year

Small MS4 General Permit year

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

h) Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: *In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.*

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

Prefix (Mr. or Ms.): Mr.
First and Last Name: David Salinas
Title: Director of Utilities
Organization Name: City of San Juan
Phone Number: 956-223-2300
Fax Number: 956-787-5978
Email: dsalinas@sjtx.us
Mailing Address: 709 S. Kansa Ave.
City, State, and Zip Code: San Juan, Texas 78589

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre
2. What is the classified segment number(s) that the discharges will eventually reach? 2201,2202/2491

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

- Directly
- Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre
What is/are the pollutant(s) of concern? Dissolved Oxygen, Bacteria/Bacteria

No

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

Yes

What is/are the pollutant(s) with a TMDL?

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District No. 1

No

6. Edwards Aquifer Rule

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

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

No

j) Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: David Salinas

Title: Director of Utilities

Company: City of San Juan

Phone Number: 956-223-2303

Fax Number: 956-787-5978

Email: dsalinas@sjtx.us

Mailing Address: 709 S. Nebraska Ave

Internal Routing (Mail Code, Etc.): Department of Utilities

City, State, and Zip Code: San Juan, Texas 78589

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

Name of Public Place: San Juan City Hall

Address of Public Place: 709 S. Kansas Ave.

County of Public Place: Hidalgo

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.sjtx.us

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600646236
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
Town of Combes
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Lonnie Bearden

Title: Town Administrator

Organization Name: Town of Combes

Phone Number: 956-425-7131

Fax Number: 956-412-6795

Email: lbearden@townofcombes.com

Mailing Address: P.O. Box 280

City, State, and Zip Code: Combes, TX 78535

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Ms.

First and Last Name: Megan Miedel

Title: Certified Stormwater Inspector

Organization Name: Town of Combes

Phone Number: 956-425-7131

Fax Number: 956-412-6795

Email: mmeidel@townofcombes.com

Mailing Address: P.O. Box 280

City, State, and Zip Code: Combes, TX 78535

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 102616752
2. Name of site as known by the local community:
Town of Combes MS4
3. Name of the urbanized area(s) the Phase II MS4 is located within:
City of Harlingen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
Town of Combes city limits located in the urbanized area of the City of Harlingen

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 - Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 - No, continue to item b
2. Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
 - Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 - No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 - Level 1:** Traditional small MS4s with a population of less than 10,000.
 - Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.

Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 - Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 - Level 4:** Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
3019 People

5. Is the MS4 part of a coalition?

Yes

No

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

- | | | |
|------------------------|--------------|-------------------|
| 1. <u>see attached</u> | <u>TXR04</u> | <u>[redacted]</u> |
| 2. <u>[redacted]</u> | <u>TXR04</u> | <u>[redacted]</u> |
| 3. <u>[redacted]</u> | <u>TXR04</u> | <u>[redacted]</u> |
| 4. <u>[redacted]</u> | <u>TXR04</u> | <u>[redacted]</u> |
| 5. <u>[redacted]</u> | <u>TXR04</u> | <u>[redacted]</u> |
| 6. <u>[redacted]</u> | <u>TXR04</u> | <u>[redacted]</u> |

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? Sept 30, 2019

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Ms.

First and Last Name: Megan Meidel

Title: Certified Storm Water Inspector

Organization Name: Town of Combes

Phone Number: 956-425-7131

Fax Number: 956-412-6795

Email: mmeidel@townofcombes.com

Mailing Address: P.O. Box 280

City, State, and Zip Code: Combes, Texas 78535

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

What is/are the pollutants(s) of concern? PCB, DDE, Mercury, DO, Bacteria/DO Bacteria

No

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

Yes

What is/are the pollutants with a TMDL?

No

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

Yes

What is the name of the MS4 operator?

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Ms.

First and Last Name: Megan Meidel

Title: Certified Storm Water Inspector

Company: Town of Combes

Phone Number: 956-425-7131

Fax Number: 956-412-6795

Email: mmeidel@townofcombes.com

Mailing Address: P.O. Box 280

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Combes, Texas 78535

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

Name of Public Place: Combes Town Hall

Address of Public Place: 21626 Hand Road

County of Public Place: Cameron County

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.townofcombes.com

Do not have a website.

Section 1. OPERATOR (Applicant)

1. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN 600520969
2. What is the exact Legal Name of the entity (applicant) applying for this permit?
City of Weslaco
3. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

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

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Mike Perez

Title: City Manager

Organization Name: City of Weslaco

Phone Number: 956-986-3181

Fax Number: 956-973-3128

Email: zguerrero@weslacotx.gov

Mailing Address: 255 S Kansas Ave

City, State, and Zip Code: Weslaco, Texas 78596

Section 3. APPLICATION CONTACT

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

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mr.

First and Last Name: Benjamin Worsham

Title: City Engineer

Organization Name: City of Weslaco

Phone Number: 956-447-3401

Fax Number: 956-973-3128

Email: bworsham@weslacotx.gov

Mailing Address: 255 S Kansas Ave

City, State, and Zip Code: Weslaco, Texas 78596

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

1. If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN 105573844
2. Name of site as known by the local community:
City of Weslaco
3. Name of the urbanized area(s) the Phase II MS4 is located within:
McAllen
4. Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area.*
The MS4 regulated boundaries of City of Weslaco is within the McAllen urbanized area and all areas within the city's jurisdiction including its urban extra territorial jurisdiction

Section 5. GENERAL CHARACTERISTICS

1. Is this site located on Indian Country Lands?
 Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
 No, continue to item b
2. Has TCEQ formally "designated" the small MS4 as needing coverage under this general permit?
 Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
 No
3. Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
 Level 1: Traditional small MS4s with a population of less than 10,000.
 Level 2: Traditional small MS4s with a population of at least 10,000 but less than 40,000.
Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
 Level 3: Traditional small MS4s with a population of at least 40,000 but less than 100,000.
 Level 4: Traditional small MS4s with a population of 100,000 or more.
4. What is the estimated current population served by your MS4 (regulated area?)
35,670 People

5. Is the MS4 part of a coalition?

Yes

No

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

- 1. see attached TXR04 [redacted]
- 2. [redacted] TXR04 [redacted]
- 3. [redacted] TXR04 [redacted]
- 4. [redacted] TXR04 [redacted]
- 5. [redacted] TXR04 [redacted]
- 6. [redacted] TXR04 [redacted]

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

7. What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? Sept 30, 2019

8. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes

3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area (urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Benjamin Worsham

Title: City Engineer

Organization Name: City of Weslaco

Phone Number: 956-447-3401

Fax Number: 956-973-3128

Email: bworhsam@weslacotx.gov

Mailing Address: 255 S Kansas Ave

City, State, and Zip Code: Weslaco, Texas 78596

6. Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Arroyo Colorado/Laguna Madre

2. What is the classified segment number(s) that the discharges will eventually reach? 2201,2202/2491

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

Directly

Indirectly

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

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? Arroyo Colorado/Laguna Madre

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

No

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

Yes

What is/are the pollutants with a TMDL? [REDACTED]

No

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

Yes

What is the name of the MS4 operator? Hidalgo County Drainage District #1

No

6. Edwards Aquifer Rule

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

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

No

7. Public Participation Process

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

Prefix (Mr. or Ms.): Mr.

First and Last Name: Mike Perez

Title: City Manager

Company: City of Weslaco

Phone Number: 956-968-3181

Fax Number: 956-973-3128

Email: mperez@weslacotx.gov

Mailing Address: 255 S Kansas Ave

Internal Routing (Mail Code, Etc.): ATTN: City Manager's Office

City, State, and Zip Code: Weslaco, Texas

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

Name of Public Place: City of Weslaco

Address of Public Place: 255 S Kansas Ave Weslaco, Texas 78596

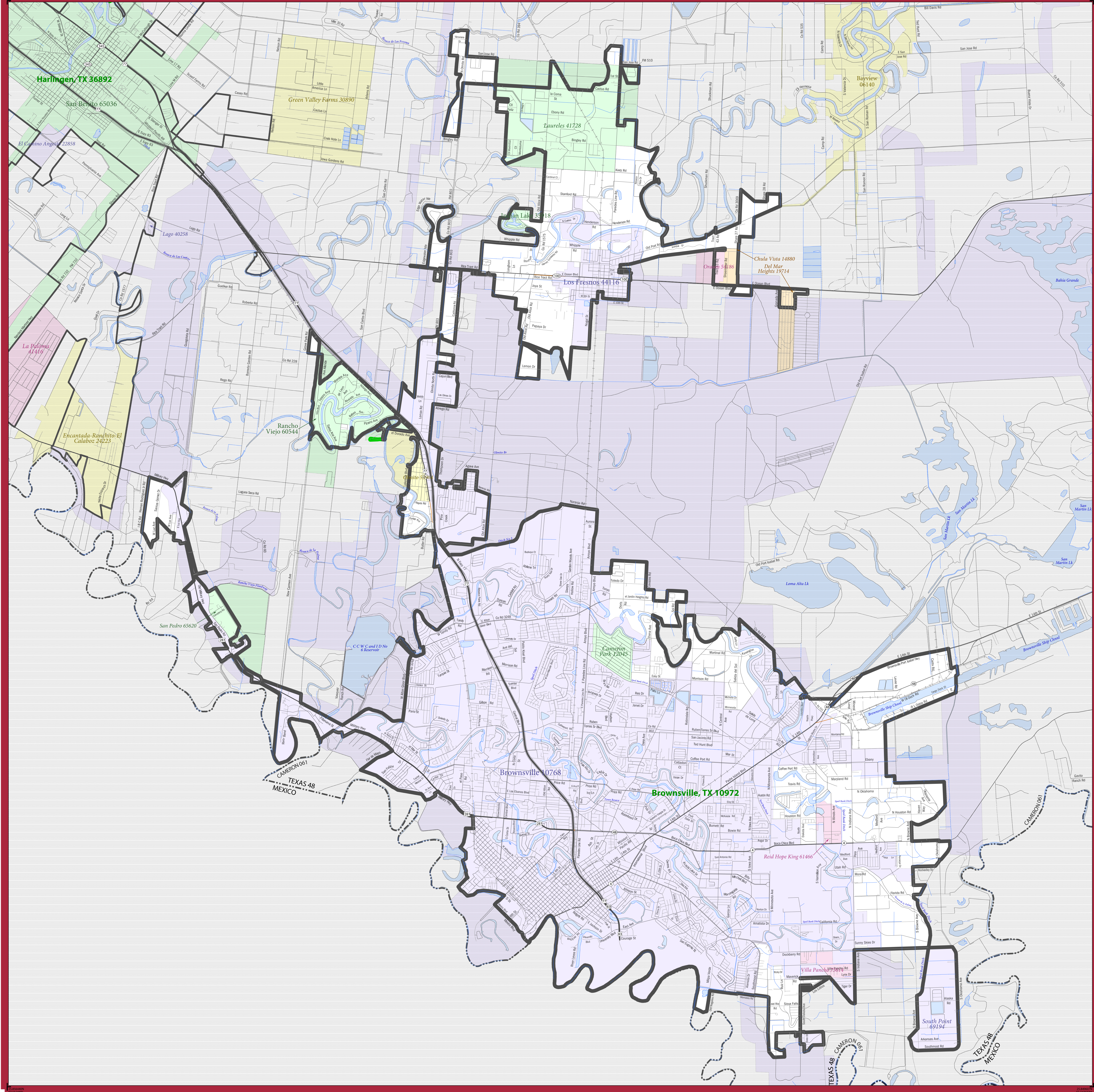
County of Public Place: Hidalgo County

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.weslacotx.gov

Do not have a website.

APPENDIX D
UA MAPS

2010 CENSUS - URBANIZED AREA REFERENCE MAP: Brownsville, TX



LEGEND

SYMBOL DESCRIPTION	SYMBOL	LABEL STYLE
International	--- --	CANADA
Federal American Indian Reservation	L'ANSE RES 1880
Off-Reservation Trust Land	T1880
Urbanized Area	Dover, DE 24580
Urban Cluster	Toolee, VT 88057
State (or statistically equivalent entity)	--- --	NEW YORK 36
County (or statistically equivalent entity)	--- --	ERIE 029
Minor Civil Division (MCD)1,2	--- --	Bristol town 07485
Consolidated City	MILFORD 47500
Incorporated Place 1,3	Davis 18100
Census Designated Place (CDP) 2	Incline Village 35100

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Interstate	Water Body	.....
U.S. Highway	Military	.....
State Highway	Outside Subject Area	.....
Other Road		
Railroad		
Perennial Stream		
Intermittent Stream		

Where international, state, county, and/or MCD boundaries coincide, the map shows the boundary symbol for only the highest-ranking of these boundaries.

1 A "*" following an MCD name denotes a false MCD. A "*" following a place name indicates that a false MCD exists with the same name and FIPS code as the place; the false MCD label is not shown.

2 MCD boundaries are shown in the following states in which some or all MCDs function as general-purpose governmental units: Connecticut, Illinois, Indiana, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, and Wisconsin. (Note that Illinois and Nebraska have some counties covered by nongovernmental precincts and Missouri has most counties covered by nongovernmental townships.)

3 Place label color corresponds to the place fill color.
Label colors: Davis Davis Davis Davis Davis

SUBJECT AREA COUNTIES ON MAP SHEET
48061 Cameron

All legal boundaries and names are as of January 1, 2010. Urban areas are based on results from the 2010 Decennial Census. The boundaries shown on this map are for Census Bureau statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement.

Geographic Vintage: 2010 Census (reference date: January 1, 2010)
Data Source: U.S. Census Bureau's MAI/TIGER database (TAB10)
Map Created by: Geography Division: March 08, 2012

U.S. DEPARTMENT OF COMMERCE Economics and Statistics Administration U.S. Census Bureau

Projection: Albers Equal Area Conic
Datum: NAD83
Spheroid: GRS 80
1st Standard Parallel: 27 36 51
2nd Standard Parallel: 34 43 24
Central Meridian: -100 04 35
Latitude of Projection's Origin: 25 50 13
False Easting: 0
False Northing: 0

The plotted map scale is 1:48116

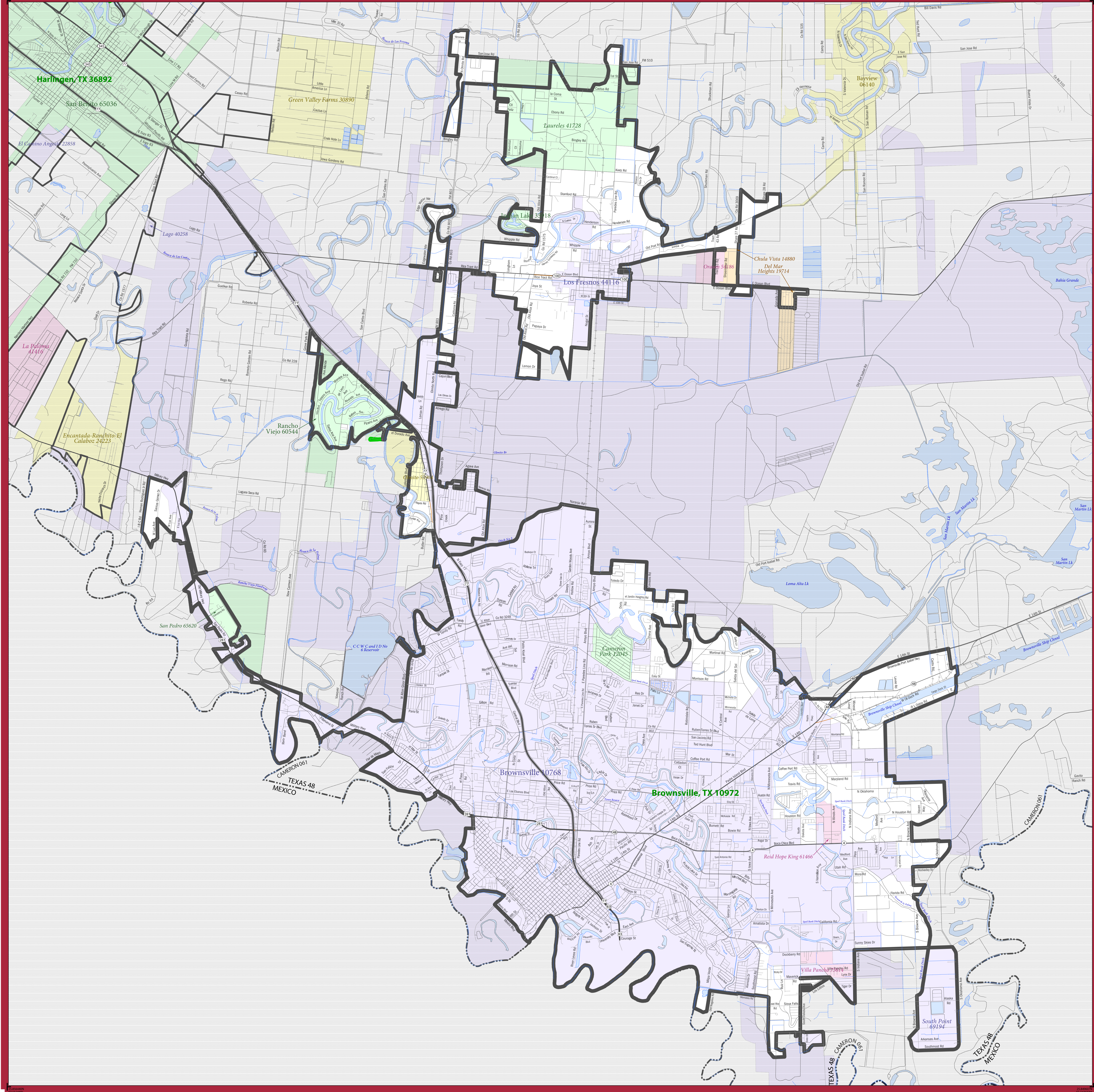
United States Census Bureau

PARENT SHEET 1
Total Sheets: 1
Index Sheets: 0
Parent Sheets: 1

UA NAME: Brownsville, TX
UA CODE: 10972
ENTITY TYPE: Urbanized Area (UA)
ST: Texas (48)

2010 CENSUS UA REF MAP (PARENT)
2/10/09/0201

2010 CENSUS - URBANIZED AREA REFERENCE MAP: Brownsville, TX



LEGEND

SYMBOL DESCRIPTION	SYMBOL	LABEL STYLE
International	--- --	CANADA
Federal American Indian Reservation	L'ANSE RES 1880
Off-Reservation Trust Land	T1880
Urbanized Area	Dover, DE 24580
Urban Cluster	Toolee, VT 88057
State (or statistically equivalent entity)	--- --	NEW YORK 36
County (or statistically equivalent entity)	--- --	ERIE 029
Minor Civil Division (MCD) 1,2	--- --	Bristol town 07485
Consolidated City	MILFORD 47500
Incorporated Place 1,3	Davis 18100
Census Designated Place (CDP) 2	Incline Village 35100

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Interstate	Water Body	.....
U.S. Highway	Military	.....
State Highway	Outside Subject Area	.....
Other Road		
Railroad		
Perennial Stream		
Intermittent Stream		

Where international, state, county, and/or MCD boundaries coincide, the map shows the boundary symbol for only the highest-ranking of these boundaries.

1 A ** following an MCD name denotes a false MCD. A *** following a place name indicates that a false MCD exists with the same name and FIPS code as the place; the false MCD label is not shown.

2 MCD boundaries are shown in the following states in which some or all MCDs function as general-purpose governmental units: Connecticut, Illinois, Indiana, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, and Wisconsin. (Note that Illinois and Nebraska have some counties covered by nongovernmental precincts and Missouri has most counties covered by nongovernmental townships.)

3 Place label color corresponds to the place fill color.
Label colors: Davis Davis Davis Davis Davis

SUBJECT AREA COUNTIES ON MAP SHEET
48061 Cameron

All legal boundaries and names are as of January 1, 2010. Urban areas are based on results from the 2010 Decennial Census. The boundaries shown on this map are for Census Bureau statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement.

Geographic Vintage: 2010 Census (reference date: January 1, 2010)
Data Source: U.S. Census Bureau's MAI/TIGER database (TAB10)
Map Created by: Geography Division: March 08, 2012

U.S. DEPARTMENT OF COMMERCE Economics and Statistics Administration U.S. Census Bureau

Projection: Albers Equal Area Conic
Datum: NAD83
Spheroid: GRS 80
1st Standard Parallel: 27 36 51
2nd Standard Parallel: 34 43 24
Central Meridian: -100 04 35
Latitude of Projection's Origin: 25 50 13
False Easting: 0
False Northing: 0

The plotted map scale is 1:48116

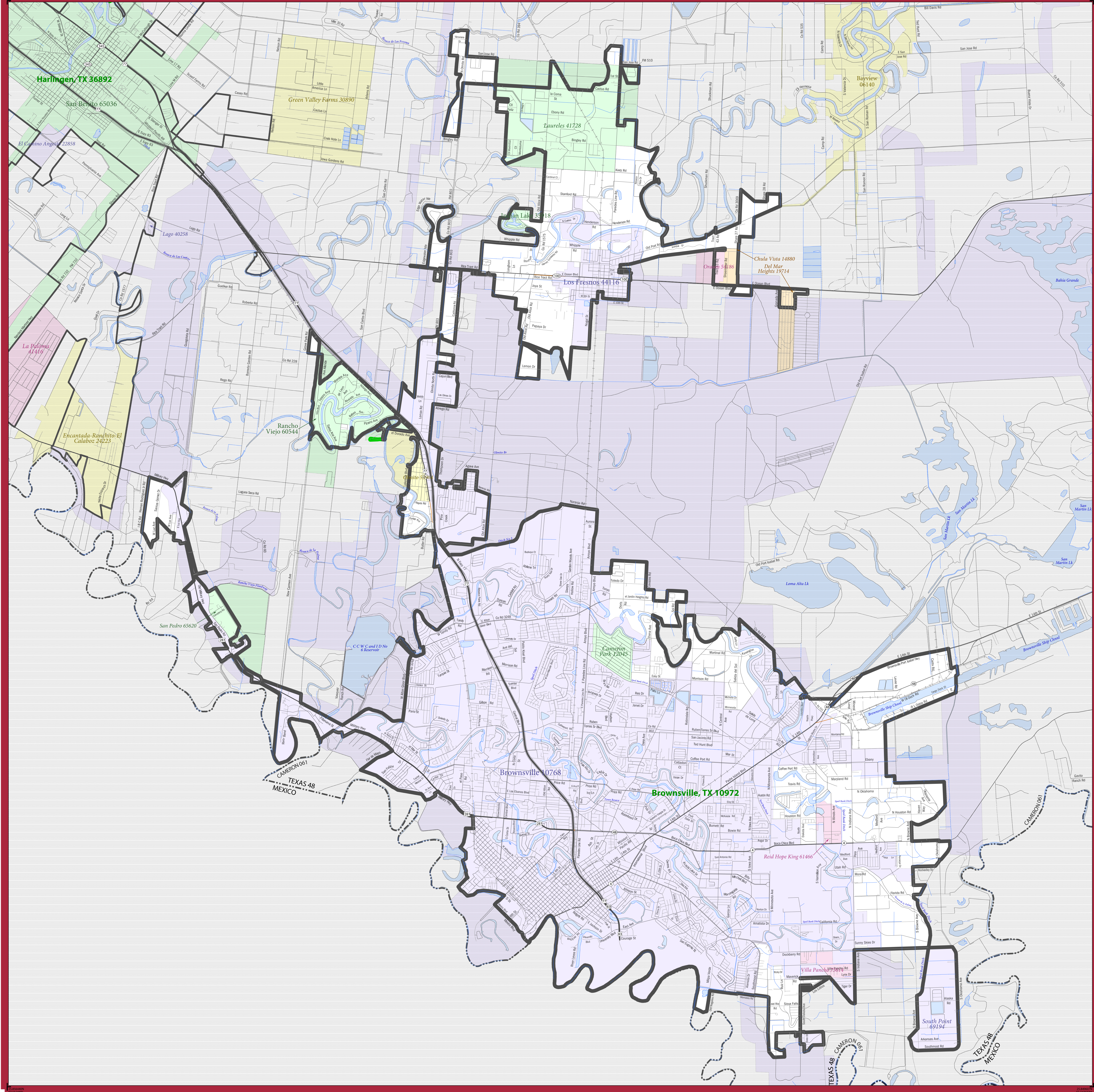
United States Census Bureau

PARENT SHEET 1
Total Sheets: 1
Index Sheets: 0
Parent Sheets: 1

UA NAME: Brownsville, TX
UA CODE: 10972
ENTITY TYPE: Urbanized Area (UA)
ST: Texas (48)

2010 CENSUS UA REF MAP (PARENT)
2/10/09/0201

2010 CENSUS - URBANIZED AREA REFERENCE MAP: Brownsville, TX



LEGEND

SYMBOL DESCRIPTION	SYMBOL	LABEL STYLE
International	--- --	CANADA
Federal American Indian Reservation	L'ANSE RES 1880
Off-Reservation Trust Land	T1880
Urbanized Area	Dover, DE 24580
Urban Cluster	Toolee, VT 88057
State (or statistically equivalent entity)	--- --	NEW YORK 36
County (or statistically equivalent entity)	--- --	ERIE 029
Minor Civil Division (MCD) 1,2	--- --	Bristol town 07485
Consolidated City	MILFORD 47500
Incorporated Place 1,3	Davis 18100
Census Designated Place (CDP) 2	Incline Village 35100

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Interstate	Water Body	.....
U.S. Highway	Military	.....
State Highway	Outside Subject Area	.....
Other Road		
Railroad		
Perennial Stream		
Intermittent Stream		

Where international, state, county, and/or MCD boundaries coincide, the map shows the boundary symbol for only the highest-ranking of these boundaries.

1 A "*" following an MCD name denotes a false MCD. A "*" following a place name indicates that a false MCD exists with the same name and FIPS code as the place; the false MCD label is not shown.

2 MCD boundaries are shown in the following states in which some or all MCDs function as general-purpose governmental units: Connecticut, Illinois, Indiana, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, and Wisconsin. (Note that Illinois and Nebraska have some counties covered by nongovernmental precincts and Missouri has most counties covered by nongovernmental townships.)

3 Place label color corresponds to the place fill color.
Label colors: Davis Davis Davis Davis Davis

SUBJECT AREA COUNTIES ON MAP SHEET
48061 Cameron

All legal boundaries and names are as of January 1, 2010. Urban areas are based on results from the 2010 Decennial Census. The boundaries shown on this map are for Census Bureau statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement.

Geographic Vintage: 2010 Census (reference date: January 1, 2010)
Data Source: U.S. Census Bureau's MAI/TIGER database (TAB10)
Map Created by: Geography Division: March 08, 2012

U.S. DEPARTMENT OF COMMERCE Economics and Statistics Administration U.S. Census Bureau

Projection: Albers Equal Area Conic
Datum: NAD83
Spheroid: GRS 80
1st Standard Parallel: 27 36 51
2nd Standard Parallel: 34 43 24
Central Meridian: -100 04 35
Latitude of Projection's Origin: 25 50 13
False Easting: 0
False Northing: 0

The plotted map scale is 1:48116

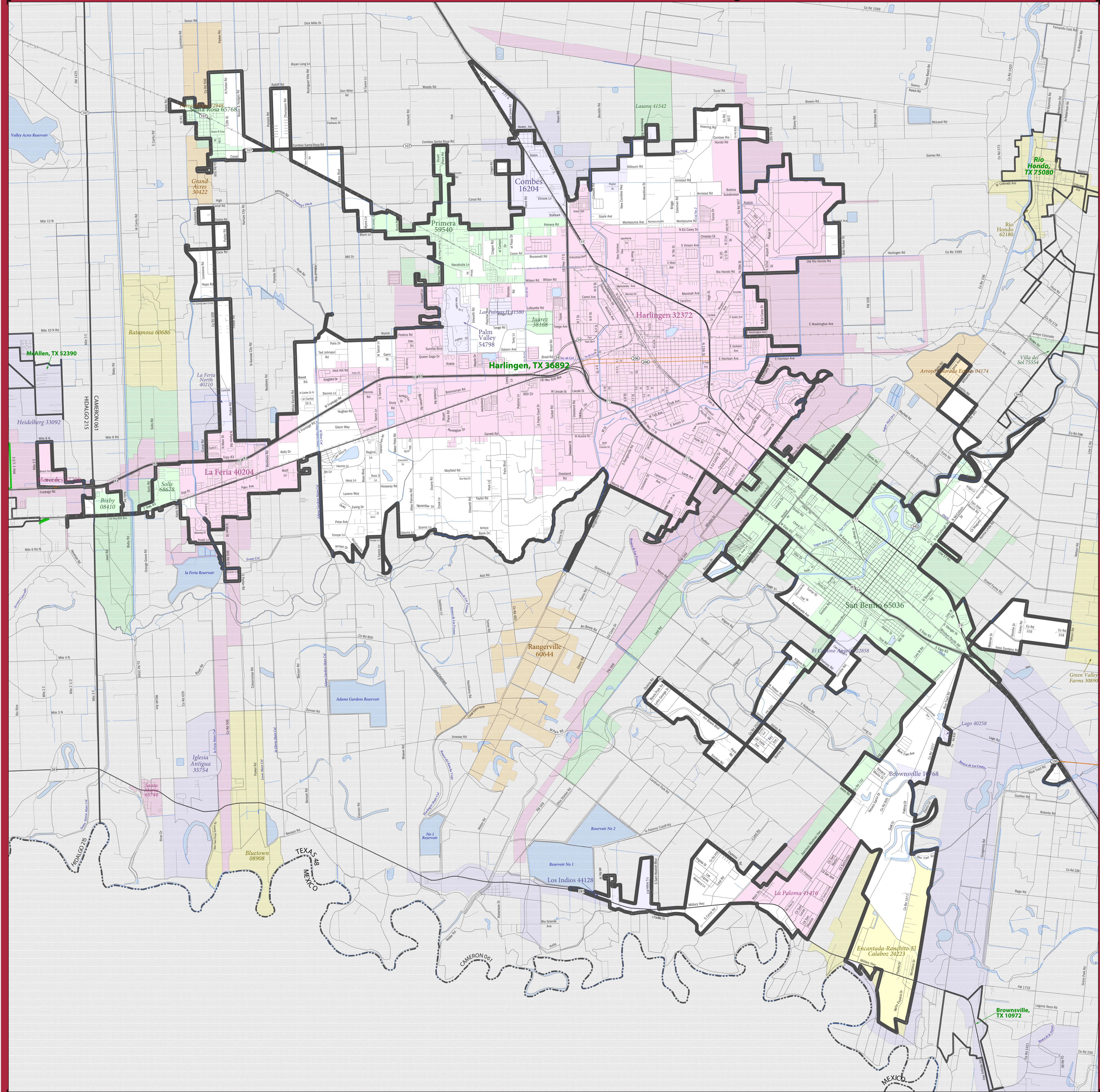
United States Census Bureau

PARENT SHEET 1
Total Sheets: 1
Index Sheets: 0
Parent Sheets: 1

UA NAME: Brownsville, TX
UA CODE: 10972
ENTITY TYPE: Urbanized Area (UA)
ST: Texas (48)

2010 CENSUS UA REF MAP (PARENT)
2/10/09/0201

2010 CENSUS - URBANIZED AREA REFERENCE MAP: Harlingen, TX



LEGEND

SYMBOL DESCRIPTION	SYMBOL	LABEL STYLE
International	--- --	CANADA
Federal American Indian Reservation	L'ANSE RES 1880
Off-Reservation Trust Land	T1880
Urbanized Area	Dover, DE 24580
Urban Cluster	Toolee, VT 88057
State (or statistically equivalent entity)	--- --	NEW YORK 36
County (or statistically equivalent entity)	--- --	ERIE 029
Minor Civil Division (MCD) ^{1,2}	--- --	Bristol town 07485
Consolidated City	MILFORD 47500
Incorporated Place ^{1,3}	Davis 18100
Census Designated Place (CDP) ²	Incline Village 35100

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Interstate	Water Body	.....
U.S. Highway	Military	.....
State Highway	Outside Subject Area	.....
Other Road		
Railroad		
Perennial Stream		
Intermittent Stream		

Where international, state, county, and/or MCD boundaries coincide, the map shows the boundary symbol for only the highest-ranking of these boundaries.

1 A "*" following an MCD name denotes a false MCD. A "*" following a place name indicates that a false MCD exists with the same name and FIPS code as the place; the false MCD label is not shown.

2 MCD boundaries are shown in the following states in which some or all MCDs function as general-purpose governmental units: Connecticut, Illinois, Indiana, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, and Wisconsin. (Note that Illinois and Nebraska have some counties covered by nongovernmental precincts and Missouri has some counties covered by nongovernmental townships.)

3 Place label color corresponds to the place fill color.
Label colors: Davis Davis Davis Davis Davis

SUBJECT AREA COUNTIES ON MAP SHEET
 48061 Cameron
 48215 Hidalgo

All legal boundaries and names are as of January 1, 2010. Urban areas are based on results from the 2010 Decennial Census. The boundaries shown on this map are for Census Bureau statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement.

Geographic Vintage: 2010 Census (reference date: January 1, 2010)
 Data Source: U.S. Census Bureau's MAINTIGER database (TAB10)
 Map Created by Geography Division: March 10, 2012

Projection: Albers Equal Area Conic
 Datum: NAD83
 Spheroid: GRS 80
 1st Standard Parallel: 27 36 51
 2nd Standard Parallel: 34 43 24
 Central Meridian: -100 04 35
 Latitude of Projection's Origin: 25 50 13
 False Easting: 0
 False Northing: 0

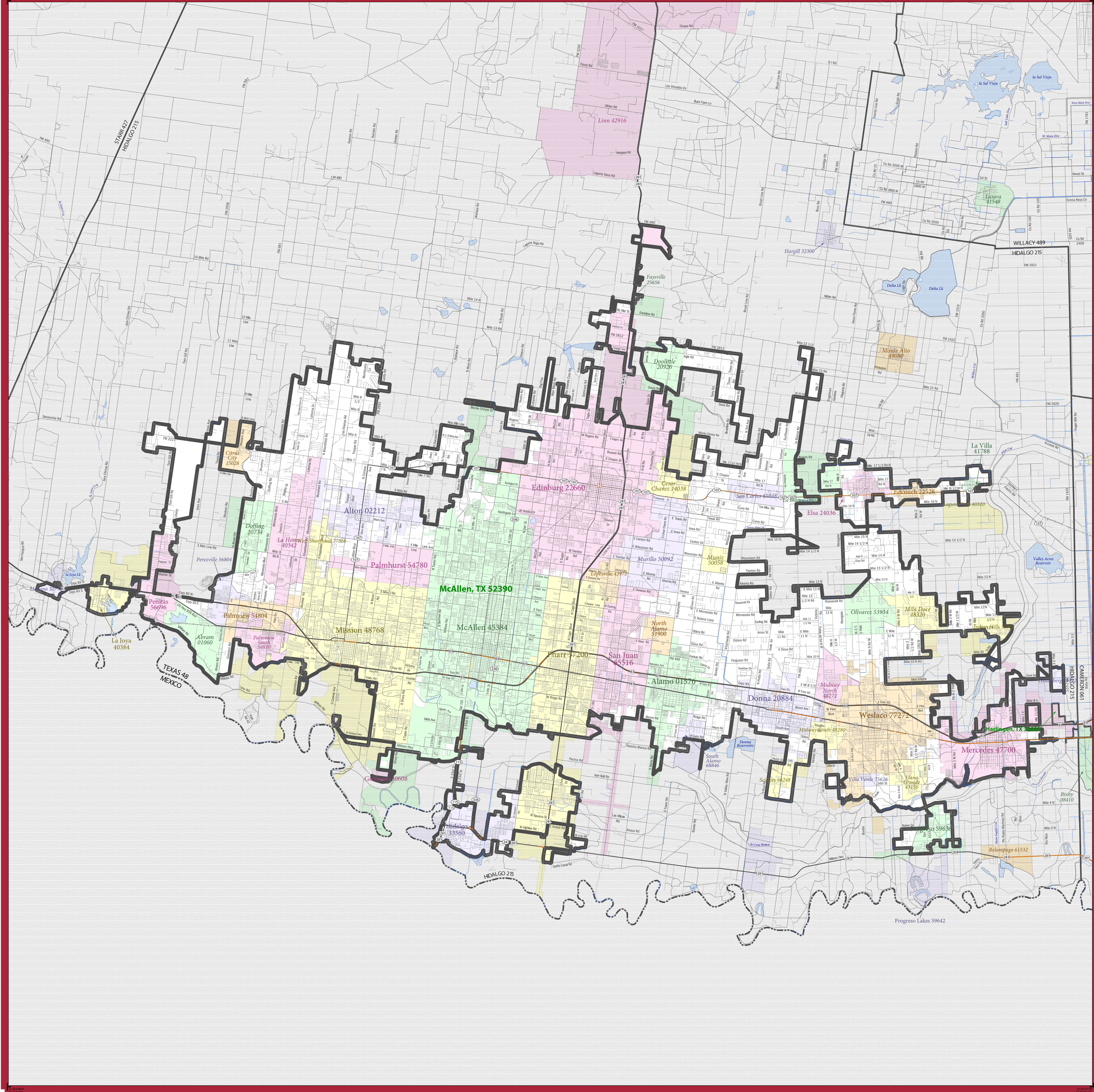
The plotted map scale is 1:49912



PARENT SHEET 1
 Total Sheets: 1
 Index Sheets: 0
 Parent Sheets: 1

UA NAME: Harlingen, TX
 UA CODE: 36892
 ENTITY TYPE: Urbanized Area (UA)
 ST: Texas (48)

2010 CENSUS - URBANIZED AREA REFERENCE MAP: McAllen, TX



LEGEND

SYMBOL DESCRIPTION	SYMBOL	LABEL STYLE
International	--- --	CANADA
Federal American Indian Reservation	L'ANSE RES 1880
Off-Reservation Trust Land	T1880
Urbanized Area	Dover, DE 24580
Urban Cluster	Toolee, VT 88057
State (or statistically equivalent entity)	--- --	NEW YORK 36
County (or statistically equivalent entity)	--- --	ERIE 029
Minor Civil Division (MCD) 1,2	--- --	Bristol town 07485
Consolidated City	MILFORD 47500
Incorporated Place 1,3	Davis 18100
Census Designated Place (CDP) 2	Incline Village 35100

DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Interstate	Water Body	.....
U.S. Highway	Military	.....
State Highway	Outside Subject Area	.....
Other Road		
Railroad		
Perennial Stream		
Intermittent Stream		

Where international, state, county, and/or MCD boundaries coincide, the map shows the boundary symbol for only the highest-ranking of these boundaries.

1 A "*" following an MCD name denotes a false MCD. A "*" following a place name indicates that a false MCD exists with the same name and FIPS code as the place; the false MCD label is not shown.

2 MCD boundaries are shown in the following states in which some or all MCDs function as general-purpose governmental units: Connecticut, Illinois, Indiana, Kansas, Maine, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, and Wisconsin. (Note that Illinois and Nebraska have some counties covered by nongovernmental precincts and Missouri has some counties covered by nongovernmental townships.)

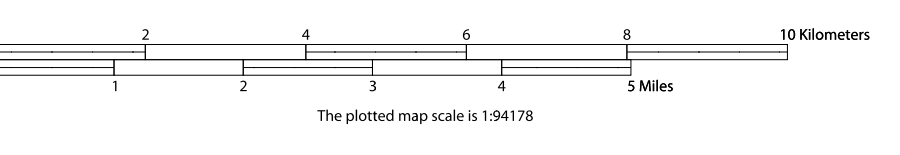
3 Place label color corresponds to the place fill color.
Label colors: Davis Davis Davis Davis Davis

SUBJECT AREA COUNTIES ON MAP SHEET
48215 Hidalgo

All legal boundaries and names are as of January 1, 2010. Urban areas are based on results from the 2010 Decennial Census. The boundaries shown on this map are for Census Bureau statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement.

Geographic Vintage: 2010 Census (reference date: January 1, 2010)
Data Source: U.S. Census Bureau's MAI/TIGER database (TAB10)
Map Created by: Geography Division: March 10, 2012

Projection: Albers Equal Area Conic
Datum: NAD 83
Spheroid: GRS 80
1st Standard Parallel: 27 36 51
2nd Standard Parallel: 34 43 24
Central Meridian: -100 04 35
Latitude of Projection's Origin: 25 50 13
False Easting: 0
False Northing: 0



PARENT SHEET 1
Total Sheets: 1
Index Sheets: 0
Parent Sheets: 1

UA NAME: McAllen, TX
UA CODE: 52390
ENTITY TYPE: Urbanized Area (UA)
ST: Texas (48)

APPENDIX E
REGULATORY REQUIREMENTS AND
ASSIGNED BMP

**BMP BY REGULATORY REQUIREMENT
OUTREACH, EDUCATION AND PUBLIC PARTICIPATION MCM#1
2019-2024**

BMP ID	MCM #1
3.2.0	Assess Public Education, Outreach and Involvement program
3.2.1	Utility Bill Insert, self-service materials and/or mailouts
3.2.2	Web Site
3.2.3	Classroom Presentations
3.2.4	Stenciling
3.2.5	Videos
3.2.6	Signage
3.2.7	Community outreach
3.2.8	Education
3.2.9	Public Meetings
3.2.10	Advisory Workgroup
3.2.11	Hotline

BMP ID	Regulatory Minimum Control Measure
BMP 3.2.0	III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (1) All permittees must implement outreach programs a. Define goals of the program
BMP 3.2.0	III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (1) All permittees must implement outreach programs b. Identify the target audience

BMP BY REGULATORY REQUIREMENT
OUTREACH, EDUCATION AND PUBLIC PARTICIPATION MCM#1
2019-2024

<p>BMP 3.2.0 BMP 3.2.1 to BMP 3.2.8</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (1) All permittees must implement outreach programs c. Develop appropriate educational methods</p>
<p>BMP 3.2.0</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (1) All permittees must implement outreach programs d. Cost efficiency of material distribution</p>
<p>BMP 3.2.0 BMP 3.2.1 to BMP 3.2.9</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (2) Convey the program’s message</p>
<p>BMP 3.2.0</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (3) All permittees shall review and update</p>
<p>BMP 3.2.0 BMP 3.2.10</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (a) Public Education and Outreach (4) Partnerships made to maximize the outreach</p>

BMP BY REGULATORY REQUIREMENT
OUTREACH, EDUCATION AND PUBLIC PARTICIPATION MCM#1
2019-2024

<p>BMP 3.2.3 BMP 3.2.4 BMP 3.2.7 BMP 3.2.8 BMP 3.2.9 BMP 3.2.11</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (b) Public Involvements (1) consider public input</p>
<p>BMP 3.2.3 BMP 3.2.4 BMP 3.2.7 BMP 3.2.8 BMP 3.2.9 BMP 3.2.11</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (b) Public Involvements (2) create opportunities for citizens to participate</p>
<p>BMP 3.2.2 BMP 3.2.9</p>	<p>III.B. SWMP – Minimum Control Measures 1.Public Education, Outreach, and Involvement (b) Public Involvements (3) ensure public has access to information on SWMP</p>

**BMP BY REGULATORY REQUIREMENT
ILLICIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024**

BMP ID	MCM #2
4.2.0	Assess existing IDDE program
4.2.1	Sewer Map
4.2.2	Illicit Discharge Elimination Ordinance
4.2.3	Business Education
4.2.4	Illicit Discharge Inspections
4.2.5	Business Site Inspections
4.2.6	Household Hazardous Waste
4.2.7	Source Investigation and Elimination
4.2.8	Hotline
10.2.1	OSSF leak detection, prevention and mitigation ^{2,3,4}
10.2.2	Identify priority areas ⁴
10.2.3	Field Screening ⁴
10.2.4	Notification of Illicit Discharge ^N
10.2.5	Source Investigation and Elimination ^{3,4}
10.2.6	Floatables

BMP ID	Regulatory Minimum Control Measure
BMP 4.2.0	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges
BMP 4.2.1	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges a. An up-to-date MS4 Map

BMP BY REGULATORY REQUIREMENT
ILLCIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024

<p>BMP 4.2.2 BMP 4.2.5</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges b. Methods for informing</p>
<p>BMP 4.2.7</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges c. Procedures for tracing the source of illicit discharge</p>
<p>BMP 4.2.7</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges d. Procedures for removing illicit discharges</p>
<p>BMP 10.2.1^{2,3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges e. prevent and correct sewage leakage</p>
<p>BMP 10.2.2⁴</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges f. Identifying priority areas</p>

BMP BY REGULATORY REQUIREMENT
ILLCIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024

BMP 10.2.2 ⁴	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (1) implement a program to eliminate illicit discharges g. Field screenings
BMP 10.2.4 ^N	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (2) Notify illicit discharges
BMP 4.2.7	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (3) Permittee must follow requirements if notified
BMP 4.2.0 BMP 4.2.7	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (a) Program Development (4) All permittees shall review and update as necessary
BMP 4.2.2 Section 4.3	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (b) Allowable Non-Stormwater Discharges

BMP BY REGULATORY REQUIREMENT
ILLCIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024

BMP 4.2.1	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (1) MS ₄ mapping a. location of all small MS ₄
BMP 4.2.1	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (1) MS ₄ mapping b. location and names of all discharges
BMP 4.2.1	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (1) MS ₄ mapping c. Priority areas
BMP 4.2.2 BMP 4.2.5	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (2) Education Training
BMP 4.2.0 BMP 4.2.7 BMP 4.2.8	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (3) Public Reporting of Illicit Discharges and Spills

BMP BY REGULATORY REQUIREMENT
ILLCIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024

<p>BMP 4.2.0 BMP 4.2.8</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (4) All permittees shall maintain site procedures</p>
<p>BMP 4.2.7</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (5) Source Investigation and Elimination a. Minimum Investigation Requirements (i) prioritize the investigation based on risk</p>
<p>BMP 4.2.7</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (5) Source Investigation and Elimination a. Minimum Investigation Requirements (ii) Report illicit flows to TCEQ</p>
<p>BMP 4.2.7</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (5) Source Investigation and Elimination a. Minimum Investigation Requirements (iii) track all investigations and record all data</p>
<p>BMP 4.2.7</p>	<p>III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (5) Source Investigation and Elimination b. Permittees shall investigate illicit discharges</p>

BMP BY REGULATORY REQUIREMENT
ILLCIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024

BMP 4.2.7	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (5) Source Investigation and Elimination c. Corrective Action to Eliminate Illicit Discharges (i) when source of illicit discharges have been determined
BMP 4.2.7	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (c) Requirements for all Permittees (6) inspections
BMP 10.2.5 ^{3,4}	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (d) Additional Requirements for Level 3 & 4 small MS _{4S} (1) Source Investigation and Elimination
BMP 10.2.5 ^{3,4}	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (e) Additional Requirements for Level 4 small MS _{4S} (2) Identification of Priority Areas
BMP 10.2.3 ⁴	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (e) Additional Requirements for Level 4 small MS _{4S} (3) Dry Weather Field Screening a. conduct field screenings in priority areas

BMP BY REGULATORY REQUIREMENT
ILLCIT DISCHARGE DETECTION AND ELIMINATION MCM #2
2019-2024

BMP 10.2.3 ⁴	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (e) Additional Requirements for Level 4 small MS _{4S} (3) Dry Weather Field Screening b. Field observation requirements
BMP 10.2.3 ⁴	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (e) Additional Requirements for Level 4 small MS _{4S} (3) Dry Weather Field Screening c. Field screening requirements
BMP 10.2.6 ⁴	III.B. SWMP – Minimum Control Measures 2. Illicit Discharge Detection and Elimination (e) Additional Requirements for Level 4 small MS _{4S} (3) Reduction of Floatables

²-Type 2 MS4

³-Type 3 MS4

⁴-Type 4 MS4

^N-Type 2 MS4 – Non-Traditional

**BMP BY REGULATORY REQUIREMENT
CONSTRUCTION STORMWATER CONTROLS MCM #3
2019-2024**

BMP	MCM #3
5.2.0	Assess existing Construction Site Stormwater Control program
5.2.1	Erosion Control Ordinance
5.2.2	Construction Site Plan Review and Oversight
5.2.3	Site Inspection and Policy Enforcement
5.2.4	Training for regulated community
5.2.5	Construction Site Waste Management
5.2.6	Provide Construction BMP outreach program
11.2.1	Construction Site Inventory ^{3,4}

BMP ID	Regulatory Minimum Control Measure
BMP 5.2.0 BMP 5.2.1	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (a) Requirements and Control Measures (1) program for operators
BMP 5.2.0	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (1) Review updates as necessary
BMP 5.2.1 BMP 5.2.2 BMP 5.2.3	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (2) Requirements appropriate erosion control a. Erosion and sediment controls

BMP BY REGULATORY REQUIREMENT
CONSTRUCTION STORMWATER CONTROLS MCM #3
2019-2024

<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (2) Requirements appropriate erosion control b. Soil Stabilization</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (2) Requirements appropriate erosion control c. BMPs (i) Minimize pollutants from vehicle washings</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (2) Requirements appropriate erosion control c. BMPs (ii) Minimize exposure of materials</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (2) Requirements appropriate erosion control c. BMPs (iii) Minimize pollutants from leaks and spills</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (2) Requirements appropriate erosion control d. vegetative stability</p>

BMP BY REGULATORY REQUIREMENT
CONSTRUCTION STORMWATER CONTROLS MCM #3
2019-2024

BMP 5.2.5	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (3) Prohibited Discharges a. Wastewater from washout of concrete
BMP 5.2.5	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (3) Prohibited Discharges b. Wastewater form construction materials
BMP 5.2.5	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (3) Prohibited Discharges c. Vehicle pollutants such as oil
BMP 5.2.5	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (3) Prohibited Discharges d. soaps and solvents uses to wash vehicle equipment
BMP 5.2.5	III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (3) Prohibited Discharges e. Discharges form dewatering activities

BMP BY REGULATORY REQUIREMENT
CONSTRUCTION STORMWATER CONTROLS MCM #3
2019-2024

<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (4) Construction Plane Review Procedures a. potential water quality impacts</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (4) Construction Plane Review Procedures b. plans must contain appropriate site specifications</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (4) Construction Plane Review Procedures c. Some plans may be accepted if they follow a guideline</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement a. Inspections must occur as specified by permittee</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement b. inspections must occur during the active phase (i) procedures must be maintained</p>

BMP BY REGULATORY REQUIREMENT
CONSTRUCTION STORMWATER CONTROLS MCM #3
2019-2024

<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement b. inspections must occur during the active phase (ii) inspections of construction sites must (1) Determine if the site is appropriate</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement b. inspections must occur during the active phase (ii) inspections of construction sites must (2) Conduct a thorough site inspection</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement b. inspections must occur during the active phase (ii) inspections of construction sites must (3) Assess compliance</p>
<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement b. inspections must occur during the active phase (ii) inspections of construction sites must (4) Provide a written report</p>

BMP BY REGULATORY REQUIREMENT
CONSTRUCTION STORMWATER CONTROLS MCM #3
2019-2024

<p>BMP 5.2.1 BMP 5.2.2 BMP 5.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (5) Construction Site Inspections and Enforcement c. follow up inspections</p>
<p>BMP 5.2.2</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (6) Information submitted by the Public</p>
<p>BMP 5.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (b) Requirements for all Permittees (7) MS₄ Staff Training</p>
<p>BMP 11.2.1^{3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 3. Construction Site Stormwater Runoff Control (c) Additional Requirements for Level 3 and 4 small MS_{4s} (1) Construction Site Inventory</p>

³-Type 3 MS4

⁴-Type 4 MS4

BMP BY REGULATORY REQUIREMENT
POST-CONSTRUCTION CONTROL MEASURES MCM #4
2019-2024

BMP	MCM #4
6.2.0	Assess Post Construction Program
6.2.1	Post-Construction Ordinance
6.2.2	Drainage Design Policy
6.2.3	BMP Maintenance
6.2.4	Land Use Plan
12.2.1	Inspection program ⁴

BMP ID	Regulatory Minimum Control Measure
BMP 6.2.0	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (a) Post-Construction Stormwater Management Program (1) program to control Stormwater discharge
BMP 6.2.0 BMP 6.2.1 BMP 6.2.2 BMP 6.2.4	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (a) Post-Construction Stormwater Management Program (2) use an ordinance
BMP 6.2.0	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (b) Requirements for all Permittees (1) Update SWMP and MCM

BMP BY REGULATORY REQUIREMENT
POST-CONSTRUCTION CONTROL MEASURES MCM #4
2019-2024

BMP 6.2.1	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (b) Requirements for all Permittees (2) Document all enforcement actions
BMP 6.2.3	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (b) Requirements for all Permittees (3) Long-Term Maintenance a. Maintenance performed by the permittee
BMP 6.2.3	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (b) Requirements for all Permittees (3) Long-Term Maintenance b. Maintenance performed by owner
BMP 12.2.1 ^{3,4}	III.B. SWMP – Minimum Control Measures 4. Post-Construction Stormwater Management in New Development and Redevelopment (c) Additional Requirements (1) Inspections a. Inspection reports

³-Type 3 MS4

⁴-Type 4 MS4

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

BMP	MCM #5
7.2.1	Stormwater Sewer System O&M
7.2.2	Street Sweeping
7.2.3	Employee Training
7.2.4	SOP program and Pollution Prevention Measures*
7.2.5	Site Visits/Inspections*
7.2.6	Collection and Disposal of Stormwater Waste
13.2.1	Storm Sewer System O&M ^{3,4}
13.2.2	Roadway O&M ^{3,4}
13.2.3	Mapping of Facilities ^{3,4}
13.2.4	Facility specific SOPs ^{3,4}
13.2.5	Stormwater Controls for High Priority Areas ^{3,4}
13.2.6	Inspections ^{3,4}
13.2.7	Pesticide, Herbicide, Fertilizer Application & Management Program ⁴
13.2.8	Evaluation of Flood Control Projects

BMP ID	Regulatory Minimum Control Measure
BMP 7.2.1	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (a) Program development (1) All Permittees shall implement maintenance
BMP 7.2.1 BMP 7.2.2 BMP 7.2.4	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (1) Permittee-owned Facilities

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

<p align="center">BMP 7.2.3</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (2) Training Education</p>
<p align="center">BMP 7.2.4 BMP 7.2.6</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (3) Disposal and Waste Material</p>
<p align="center">BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (4) Contractor Requirements and Oversight a. Comply with Stormwater control measures</p>
<p align="center">BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (4) Contractor Requirements and Oversight b. Permittees must oversee contractor activities</p>
<p align="center">BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance a. Assessment of permittee-owned operations (i) Road and parking lot maintenance</p>

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance a. Assessment of permittee-owned operations (ii) Bridge maintenance</p>
<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance a. Assessment of permittee-owned operations (iii) Cold weather operations</p>
<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance a. Assessment of permittee-owned operations (iv) Right-of-way maintenance</p>
<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance b. identify potential pollutants in O&M activities</p>
<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance c. implement pollution prevention (i) Replacing materials or chemicals</p>

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance c. implement pollution prevention (ii) Change operations to minimize pollution</p>
<p>BMP 7.2.1 BMP 7.2.4</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance c. implement pollution prevention (iii) Prevent discharge into surface water</p>
<p>BMP 7.2.1 BMP 7.2.4 BMP 7.2.5</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (5) Municipal Operation and Maintenance d. Inspection of pollution prevention measures</p>
<p>BMP 7.2.1</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (b) Requirements for all Permittees (6) Structural Control Maintenance</p>
<p>BMP 13.2.1^{3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS_{4S} (1) Storm Sewer System Operation Maintenance a. implement an O&M Program</p>

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

BMP 13.2.1 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (1) Storm Sewer System Operation Maintenance b. list potential problem areas
BMP 13.2.1 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (2) Operation and Maintenance Program to Reduce Discharge of Pollutants from Roads a. Implementation schedule
BMP 13.2.1 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (2) Operation and Maintenance Program to Reduce Discharge of Pollutants from Roads b. For areas where street sweeping is infeasible
BMP 13.2.2 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (2) Operation and Maintenance Program to Reduce Discharge of Pollutants from Roads c. Sweeper Waste Materials Disposal
BMP 13.2.3 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (3) Mapping of Facilities

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

BMP 13.2.5 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (4) Facility Assessment a. Facilities’ Pollutant Discharge Potential
BMP 13.2.5 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (4) Facility Assessment b. Identification of high priority facilities
BMP 13.2.5 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (4) Facility Assessment c. Documentation of Assessment Results
BMP 13.2.4 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (5) Development of Facilities Specific SOPs a. develop Sop that benefits BMPs installed
BMP 13.2.4 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (5) Development of Facilities Specific SOPs b. A hard or electric copy of the SOP

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

<p>BMP 13.2.5^{3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS_{4S} (6) Stormwater Controls for High Priority Facilities a. General good housekeeping</p>
<p>BMP 13.2.5^{3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS_{4S} (6) Stormwater Controls for High Priority Facilities b. De-icing and anti-icing material storage</p>
<p>BMP 13.2.5^{3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS_{4S} (6) Stormwater Controls for High Priority Facilities c. Fuel operations and vehicle maintenance</p>
<p>BMP 13.2.5^{3,4}</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS_{4S} (6) Stormwater Controls for High Priority Facilities d. Equipment and vehicle washing</p>

**BMP BY REGULATORY REQUIREMENT
POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
2019-2024**

BMP 13.2.6 ^{3,4}	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (c) Additional Requirements for small MS _{4S} (7) Inspections
BMP 13.2.7 ⁴	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (d) Additional Requirements for Level 4 small MS _{4S} (1) Pesticide, Herbicide, and Fertilizer Management a. Landscape maintenance
BMP 13.2.7 ⁴	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (d) Additional Requirements for Level 4 small MS _{4S} (1) Pesticide, Herbicide, and Fertilizer Management b. implement practices to prevent landscape pollution (i) Education activities
BMP 13.2.7 ⁴	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (d) Additional Requirements for Level 4 small MS _{4S} (1) Pesticide, Herbicide, and Fertilizer Management b. implement practices to prevent landscape pollution (ii) non-chemical pest management measures
BMP 13.2.7 ⁴	III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (d) Additional Requirements for Level 4 small MS _{4S} (1) Pesticide, Herbicide, and Fertilizer Management c. schedules for chemical application in public spaces

**BMP BY REGULATORY REQUIREMENT
 POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS MCM #5
 2019-2024**

<p>BMP 13.2.7⁴</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (d) Additional Requirements for Level 4 small MS_{4S} (1) Pesticide, Herbicide, and Fertilizer Management d. proper disposal of pesticides, herbicides, and fertilizers</p>
<p>BMP 13.2.8⁴</p>	<p>III.B. SWMP – Minimum Control Measures 5. Pollution Prevention and Good Housekeeping (d) Additional Requirements for Level 4 small MS_{4S} (2) Evaluation of Flood Control Projects</p>

³-Type 3 MS4

⁴-Type 4 MS4

**BMP BY REGULATORY REQUIREMENT
IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) BMPS
2019-2024**

BMP	Bacteria BMPs
8.2.1	Source determination
8.2.2	Bacteria Impairment Program
8.2.3	Workgroup
8.2.4	Reporting

BMP ID	Regulatory Minimum Control Measure
Bacteria 8.2.1 Bacteria 8.2.3	II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (1) Discharging a Pollutant of Concern (a) determine whether the small MS4 may be a source of the pollutant(s) of concern
Bacteria 8.2.1 Bacteria 8.2.3	II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (1) Discharging a Pollutant of Concern (b) ensure that the SWMP includes focused BMPs
Bacteria 8.2.1 Bacteria 8.2.3	II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL

**BMP BY REGULATORY REQUIREMENT
IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) BMPS
2019-2024**

	<p>(1)Discharging a Pollutant of Concern (c) submit NOC with amended BMPs</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2)Impairment of Bacteria a. Sanitary Sewer Systems (i.)Make improvements to sanitary sewers to reduce overflows;</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2)Impairment of Bacteria a. Sanitary Sewer Systems (ii) Address lift station inadequacies;</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2)Impairment of Bacteria a. Sanitary Sewer Systems (iii) Improve reporting of overflows;</p>

**BMP BY REGULATORY REQUIREMENT
IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) BMPS
2019-2024**

<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria a. Sanitary Sewer Systems (iv.) Strengthen sanitary sewer use requirements to reduce blockage from fats, oils, and grease.</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria b. On-site Sewage Facilities (for entities with appropriate jurisdiction) i. Identify and address failing systems;</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria b. On-site Sewage Facilities (for entities with appropriate jurisdiction) ii. Address inadequate maintenance of On-Site Sewage Facilities (OSSFs).</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria c. Illicit Discharges and Dumping</p>

**BMP BY REGULATORY REQUIREMENT
IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) BMPS
2019-2024**

<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria d. Animal Sources</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria e. Residential Education i. Bacteria discharging from a residential site either during runoff events or directly;</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria e. Residential Education ii. Fats, oils, and grease clogging sanitary sewer lines and resulting overflows;</p>
<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria e. Residential Education iii. Decorative ponds;</p>

**BMP BY REGULATORY REQUIREMENT
 IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) BMPS
 2019-2024**

<p>Bacteria 8.2.2 Bacteria 8.2.3</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (2) Impairment of Bacteria e. Residential Education iv. Pet waste.</p>
<p>Bacteria 8.2.3 Bacteria 8.2.4</p>	<p>II.D. Limitations on Permit Coverage - 4. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements (b) Discharges Directly to Water Quality Impaired Water Bodies without an Approved TMDL (3) Annual Report</p>

**BMP BY REGULATORY REQUIREMENT
LEGAL AUTHORITY
2019-2024**

BMP	Legal Authority BMPs
9.2.1	Ordinances, Orders and Policy
9.2.2	Interlocal agreements, other instruments required to assist non-traditional MS4s

BMP ID	Regulatory Minimum Control Measure
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (1) Within two years from the effective date
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate a. Authority to prohibit
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate b. Authority to respond

BMP BY REGULATORY REQUIREMENT
LEGAL AUTHORITY
2019-2024

BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate c. Authority to require compliance
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate d. Authority to require instillation
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate e. Authority to receive and collect information
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate f. Authority to enter and inspect private property
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate g. Authority to respond to violations

**BMP BY REGULATORY REQUIREMENT
LEGAL AUTHORITY
2019-2024**

BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate h. Authority to assess penalties
BMP 9.2.1	III.A. SWMP – Developing a SWMP 3. Legal Authority (a) Traditional small MS _{4S} , such as cities (2) To be considered adequate i. Ability to enter into agreements
BMP 9.2.2	III.A. SWMP – Developing a SWMP 3. Legal Authority (b) Non-Traditional small MS _{4S} , such as districts (1) Develop ordinances
BMP 9.2.2	III.A. SWMP – Developing a SWMP 3. Legal Authority (b) Non-Traditional small MS _{4S} , such as districts (2) To be considered adequate (a) Enter interlocal agreements
BMP 9.2.2	III.A. SWMP – Developing a SWMP 3. Legal Authority (b) Non-Traditional small MS _{4S} , such as districts (2) To be considered adequate (b) Notify and adjustment

BMP BY REGULATORY REQUIREMENT
INDUSTRIAL SOURCES MCM #6
2019-2024

BMP	MCM #6
14.2.1	Identify and Control Pollutants in Stormwater Discharges

BMP ID	Regulatory Minimum Control Measure
BMP 14.2.1	III.B. SWMP – Minimum Control Measures 6. Industrial Stormwater Sources (a) Requirements for level 4 small MS _{4S} (1) control pollutants in Stormwater discharge