

COUNTY OF EL PASO PUBLIC WORKS
PLANNING & DEVELOPMENT DEPARTMENT
DEVELOPMENT SERVICES DIVISION

July 22, 2019

Texas Commission on Environmental Quality
ARP Team (MC-148)
12100 Park 35 Circle
Austin, Texas 78753

Via Certified Mail Return
Receipt Requested
7016 1970 0001 1299 0784

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

Applications Review and Processing Team:

This letter serves to transmit the Notice of Intent (NOI) for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4) under the TPDES Phase II MS4 General Permit (TXR040000) for the El Paso County.

Should you have any questions, please do not hesitate to contact me at (915) 546-2015.

Regards,

Gilberto Saldaña, Jr., P.E.
Senior Civil Engineer

Attachments: Notice of Intent (NOI)
TCEQ Core Data Form
Stormwater Management Program (SWMP) Cover Sheet
El Paso County Storm Water Management Program (SWMP)

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 600342695
- b) What is the exact Legal Name of the entity (applicant) applying for this permit?
County of El Paso
- 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: Gilberto Saldana

Title: Sr. Civil Engineer

Organization Name: County of El Paso

Phone Number: 915-546-2015

Fax Number: 915-546-8194

Email: gsaldana@epcounty.com

Mailing Address: 800 E. Overland, Suite 200

City, State, and Zip Code: El Paso, Texas 79901

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: Gilberto Saldana

Title: Sr. Civil Engineer

Organization Name: County of El Paso

Phone Number: 915-546-2015

Fax Number: 915-546-8194

Email: gsaldana@epcounty.com

Mailing Address: 800 E. Overland, Suite 200

City, State, and Zip Code: El Paso, Texas 79901

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 105551022
- b) Name of site as known by the local community:
County of El Paso
- c) Name of the urbanized area(s) the Phase II MS4 is located within:
El Paso
- 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.*
Unincorporated areas of El Paso County located within the El Paso urbanized area

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?)
90,000 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. [REDACTED] 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: Gilberto Saldana

Title: Sr. Civil Engineer

Organization Name: County of El Paso

Phone Number: 915-546-2015

Fax Number: 915-546-8194

Email: gsaldana@epcounty.com

Mailing Address: 800 E. Overland, Suite 200

City, State, and Zip Code: El Paso, Texas 79901

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Rio Grande, retention basins, arroyos, unnamed tributaries and drains
2. What is the classified segment number(s) that the discharges will eventually reach? 2314

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 Grande

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? TxDOT, City of El Paso, Village of Vinton

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: Gilberto Saldana

Title: Sr. Civil Engineer

Company: County of El Paso

Phone Number: 915-546-2015

Fax Number: 915-546-8194

Email: gsaldana@epcounty.com

Mailing Address: 800 E. Overland, Suite 200

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: El Paso, Texas 79901

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: El Paso County Public Works Department

Address of Public Place: 800 E. Overland, Suite 200

County of Public Place: El Paso

3. Provide the address for the website where the MS4's SWMP and annual report will be posted. www.epcounty.com

Do not have a website.

Section 6. CERTIFICATION

I certify that I have obtained a copy and understand the terms and conditions of the Phase II (Small) MS4 General Permit TXR040000 issued January 24, 2019.

Yes

I certify that the small MS4 qualifies for coverage under the Phase II (Small) MS4 General Permit TXR040000.

Yes

I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.

Yes

I understand that authorizations active on September 1st of each year will be assessed an Annual Water Quality Fee.

Yes

Operator Certification

Operator Signatory Name: RICARDO A. SAMANIEGO

Operator Signatory Title: COUNTY JUDGE

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

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

Signature (use blue ink): *Ricardo A Samaniego* Date: 7-22-19



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600342695		RN 105551022

SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)		00/22/2019	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information		<input type="checkbox"/> Change in Regulated Entity Ownership
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)				
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).				
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			If new Customer, enter previous Customer below:	
County of El Paso, Texas				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)	
1-746000762	1-746000762	79-6000762	098970403	
11. Type of Customer:		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited		
<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual		
Government: <input type="checkbox"/> City <input checked="" type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Other:		
12. Number of Employees		13. Independently Owned and Operated?		
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following:				
<input type="checkbox"/> Owner		<input type="checkbox"/> Operator		<input type="checkbox"/> Owner & Operator
<input type="checkbox"/> Occupational Licensee		<input type="checkbox"/> Responsible Party		<input type="checkbox"/> Voluntary Cleanup Applicant <input checked="" type="checkbox"/> Other: Local Government
15. Mailing Address:	800 E. Overland Ave.			
	Room 200			
	City	El Paso	State	TX
	ZIP	79901	ZIP + 4	
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)
(915) 546-2015				(915) 546-8194

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC.)	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
County of El Paso, Texas	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	800 E. Overland						
	Room 200						
	City	El Paso	State	TX	ZIP	79901	ZIP + 4
24. County	El Paso						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:							
26. Nearest City	State					Nearest ZIP Code	
27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
31	45	34 N	106	29	25 W		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
9111				921190			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
Local Government							
34. Mailing Address:	800 E. Overland Ave.						
	Room 200						
	City	El Paso	State	TX	ZIP	79901	ZIP + 4
35. E-Mail Address:							
36. Telephone Number			37. Extension or Code			38. Fax Number <i>(if applicable)</i>	
(915) 546-2015						(915) 546-8194	

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

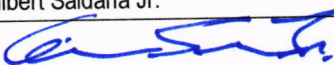
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
	TXR040202			
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Gilbert Saldaña, Jr., P.E.	41. Title:	Senior Civil Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(915) 546-2015		(915) 546-8194	gsaldana@epcounty.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	County of El Paso, TX	Job Title:	Senior Civil Engineer
Name <i>(In Print)</i> :	Gilbert Saldaña Jr.	Phone:	(915) 546-2015
Signature:		Date:	7-22-19

STORMWATER MANAGEMENT PROGRAM (SWMP) COVER SHEET

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

Operator

Operator name: County of El Paso

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	5
Clearly define the goals and objectives of the program based on high-priority community-wide issues	5
Identify the target audiences	5
Develop or use appropriate educational material	5
Procedures to distribute educational material	5
Make the educational material available to the target audience at least annually	5

MCM 1 Required Elements	SWMP page number
Post the SWMP and annual reports on the MS4's website, if the MS4 has a website	6
Include the MS4's website address where the SWMP and annual reports will be found, if the MS4 has a website	6
SWMP includes a program that complies with state and local public notice requirements	6
Include public input in the implementation of the program	6
Include opportunities for citizen to participate in implementation of control measures	6
Ensure the public can easily can find information about the SWMP.	6
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.	5-6
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	5-6
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	5-6

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.	7
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. 	7-8
Methods for informing and training MS4 field staff	9
Procedures for tracing the source of an illicit discharge	7-8

MCM 2 Required Elements	SWMP page number
Procedures for removing the source of the illicit discharge	7-8
Procedures to facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4	8
Procedures for responding to illicit discharges and spills	8
Procedures for inspections in response to complaints	8
For Level 2, 3, and 4 small MS4: Procedures to prevent and correct leaking on-site sewage disposal systems	8
For Level 3 and 4 small MS4s: Procedures for follow-up investigation to verify that the illicit discharge has been eliminated	n/a
For Level 4 small MS4s: Procedures for identifying and creating a list of priority areas within the small MS4s likely to have illicit discharges	n/a
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.	n/a
For Level 4 small MS4s: Procedures to reduce the discharge of floatables in the small MS4	n/a
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.	n/a
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	n/a
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	n/a

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	10
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	10-11

MCM 3 Required Elements	SWMP page number
Program requires construction site operators to implement BMPs for erosion and sediment control	10
Program requires construction site operators to have procedures for initiating and completing soil stabilization measures	10
Program requires construction site operators to implement BMPs to control pollutants from equipment and vehicle washing and other wash waters	10
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	10
Program requires construction site operators to implement BMPs to minimize the discharge of pollutants from spills and leaks.	10-11
Program ensures that the construction site has developed a stormwater pollution prevention plan in accordance with the TPDES Construction General Permit TXR150000	10-11
Program prohibits illicit discharges such as wash out wastewater, fuels, oils, soaps, solvents, and dewatering activities	10
Procedures for construction site plan review to consider water quality impacts	10
Procedures for construction site inspections and enforcement of control measures, to the extent allowable under state and local law	11
Procedures for receipt and consideration of information submitted by the public	10
Procedures for MS4 staff training	11
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)	n/a
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.	n/a
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	n/a

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	

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)	12
Description of ordinance or other regulatory mechanism that is in place or planned which will regulate discharges from new development and redevelopment projects	12-13
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	12-13
Procedures to document and maintain records of enforcement actions	13
Procedures to ensure long-term operation and maintenance of post construction stormwater control measures	12-13
Operation and maintenance of post construction stormwater control measures is documented	13
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	n/a
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.	n/a
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	n/a

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	n/a

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	14
Develop and maintain an inventory of facilities and stormwater controls that are owned or operated by the MS4	14
Procedures to inform or train staff involved in implementing pollution prevention and good housekeeping practices. Maintain training attendance records	15
Procedures to remove and properly dispose of waste from the MS4	14
Contractors hired by the MS4 must be required to comply with operating procedures. Develop contractor oversight procedures	15
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.	14
Identify pollutants of concern that could be discharged from the O&M activities	14-15
Develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities	14-15
Conduct inspections of pollution prevention measures and maintain inspection log	14
Procedures for inspecting and maintaining structural controls	14
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	n/a

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)	n/a
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	n/a
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	n/a
For Level 3 and 4 small MS4s: Develop facility specific stormwater management Standard Operation Procedures for high priority facilities	n/a
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	n/a
For Level 3 and 4 small MS4s: Develop and implement an inspection program that includes high priority facilities	n/a
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	n/a
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)	n/a
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	n/a

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	n/a
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	n/a

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).	n/a
For Level 4 MS4 only: Procedures for inspecting and implementing control measures for discharges from industrial stormwater sources.	n/a

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	n/a
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)	n/a

MCM 7 Required Elements	SWMP page number
If the area included in this MCM includes areas outside of the UA, then all MCMs (MCM 1 through MCM 7) will be implemented over those additional areas as well	n/a
Description of how contractor activities will be supervised or overseen to ensure that the Stormwater Pollution Prevention Plan (SWP3) requirements are properly implemented at the construction site(s); or how the MS4 operator will make certain that contractors have a separate authorization for stormwater discharges if needed	n/a
General description of how a construction SWP3 will be developed for each municipal construction site	n/a
Records of municipal construction activities authorized under this optional MCM	n/a

El Paso County



Storm Water Management Program

TPDES General Permit #TXR040000

Permit Year

2019-2024

**EL PASO COUNTY TEXAS POLLUTANT DISCHARGE ELIMINATION
SYSTEM (TPDES) MANAGEMENT PROGRAM**

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SECTION 1 – OVERVIEW

I. 1 – Storm Water Rule Overview

Phase 1 of the U.S. Environmental Protection Agency's (EPA) municipal storm water program started in 1990 under the authority of the Federal Clean Water Act (CWA). Phase 1 relies on National Pollutant Discharge Elimination System (NPDES) permit coverage to address pollutants from storm water runoff and dry weather discharges. Phase 1 permits are required for large and medium municipal separate storm sewer systems (MS4), serving populations of 100,000 or greater.

The Storm Water Phase 2 Final Rule (promulgated December 8, 1999) was approved by EPA to prevent water resources from pollution by storm water runoff and dry weather discharges into storm drain systems. Local governments are required by Phase 2 regulations to implement programs and practices to control water pollution, to the "Maximum Extent Practicable" (MEP) in urbanized areas of small MS4s (population less than 100,000). Phase 2 requires local governments to obtain a permit that implements six "Minimum Control Measures", as applicable. The six Minimum Control Measures (MCM's) are: public education, outreach, and involvement; illicit discharge detection and elimination; construction site stormwater runoff control; post-construction stormwater management in new development and redevelopment; pollution prevention and good housekeeping operations; and industrial stormwater sources. Program elements for the sixth MCM (industrial stormwater sources) are not applicable for El Paso County (EPC) since it is classified as a Level 2 small MS4 operator.

EPA has authorized the Texas Commission on Environmental Quality (TCEQ) to issue and enforce the Texas Pollutant Discharge Elimination System (TPDES) Phase 1 and 2 storm water permits, in lieu of federal NPDES permits. Effective 8/13/2007 TCEQ Commissioners approved the TPDES General Permit to authorize discharge of storm water from regulated Phase 2 MS4s.

On February 2008, EPC submitted a Notice of Intent (NOI) to TCEQ for general permit coverage. The TPDES Small MS4 General Permit (TXR040000, Issued and Effective on August 13, 2007) was issued to EPC with an expiration date of August 13, 2012. On June 10, 2014, EPC reapplied for permit coverage for the next five year period (2014 - 2019). Before July 23, 2019, EPC and other operators of small MS4s that were covered under the previous TPDES general permit for small MS4s must reapply for permit coverage. The application must include a NOI for coverage and a Storm Water Management Program (SWMP). The NOI is a document that provides TCEQ with an official notification to seek permit coverage and identifies legally responsible parties for permit enforcement. The SWMP will describe actions that will be implemented by the permittee, to address the required elements of a storm water program. The SWMP describes in detail which Best Management Practices (BMPs) will be implemented to meet permit requirements. The permit term will cover the next 5 years (2019 – 2024). The permit will be renewed at 5 year intervals, which may require significant changes to the SWMP for future permit approvals, if necessary.

SECTION II – PERMIT APPLICABILITY AND COVERAGE

II. 1 Urbanized Areas

The TPDES Permit requirements apply only to the portions of unincorporated EPC that are identified as urbanized areas. There are approximately 9 non-contiguous urbanized areas in unincorporated EPC. TPDES General Permit recognizes the urbanized areas as determined by the 2000 or 2010 Decennial Census by the U.S. Bureau of Census. The 2000 and 2010 urbanized area maps may be viewed at <http://www.census.gov/geo/maps-data/maps/ua2kmaps.html> and <http://www.census.gov/geo/maps-data/maps/2010ua.html>, respectively.

II.2 Regulatory Mechanism Restrictions for Counties

The Texas Constitution and State statutes do not grant Texas counties the ability to create and enforce ordinances, such as home rule cities which are allowed to create ordinances to meet the TPDES permit requirements. To address this restriction, TCEQ rules contain text stating “to the extent allowable under state and local law”. This statement is cited several times in Part III, SWMP development and implementation, of the general permit. EPC will address the various elements in the General Permit SWMP requirements to the extent allowable under current state and local law.

SECTION III – STORM WATER MANAGEMENT PLAN (SWMP)

Overview of El Paso County’s SWMP

To the extent allowable under State and local law (see II.2 above), EPC’s SWMP was developed, and will be implemented, according to requirements of Part III of TPDES General Permit TXR040000 for discharges of storm water to surface water in the state. This SWMP was developed to prevent pollution in storm drainage systems to the maximum extent practicable, with control measures implemented during the permit term. The SWMP addresses six Minimum Control Measures (MCMs) as required by TCEQ rules, as applicable. Program elements for the sixth MCM (industrial stormwater sources) are not applicable for EPC since it is classified as a Level 2 small MS4 operator. MCMs will be implemented in urbanized areas of unincorporated EPC and may be implemented in other unincorporated areas adjacent to urbanized areas of EPC if warranted by special conditions as determined by EPC. MCMs will be evaluated based upon the accomplishment of activities (BMPs) listed under each MCM. EPC storm water staff from the Public Works department will monitor MCM activities.

Legal Authority (Contrast with Cities)

Unlike cities, counties are not authorized by the State Constitution or State Statutes to enact the ordinances and implement all of the regulatory requirements that Phase 2 (small MS-4) requires. EPC addresses “to the extent allowable under state and local law” in appropriate MCM sections.

Ditch Drainage System

EPC's storm drainage system is mostly comprised of unlined (pervious) above ground ditches. Benefits and challenges associated with this type of system will be addressed in the Section III.5 of this document.

Large Area and Long Distances between Non-Contiguous Urbanized Areas

EPC has approximately 9 small non-contiguous Urbanized Areas scattered across EPC area. Long-travel distances, often exceeding those found in large MS-4 cities, will require MS-4 County staff to travel great distance in order to implement daily activities associated with this program. This extra challenge is another element to consider when comparing the SWMPs of EPC to cities in this area.

Annexation and De-annexation

EPC will be losing land areas when annexation occurs. EPC will not be adding new areas of responsibilities and will not have to provide services to the annexed land. EPC will only add urbanized areas when population densities increase in existing unincorporated county, as designated by the U.S. Census Bureau on a ten year cycle.

Participants in developing/implementing El Paso County's SWMP

EPC's SWMP was developed by County staff with storm water experience. Responsibilities for implementation of the SWMP will be handled by the El Paso County Public Works.

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Section III.1 – Public Education, Outreach, and Involvement MCM #1

The public will be informed about water quality issues regarding storm water runoff and illicit discharges by providing informational materials in multiple formats and media. EPC and other resources may be used to develop and distribute public education and outreach material. EPC will work with other government agencies to develop suitable community materials for website posting and/or distribution at EPC Administrative Office (MDR Building), Road & Bridge warehouse and EPC web page. EPC will rely upon compliance with public notice requirements regarding public meetings at El Paso County Commissioners' Court to receive public input into storm water program development and implementation. Also, the Draft 2019-2024 SWMP will be posted on the County Website as submitted to TCEQ for TPDES General Storm Water Permit coverage.

The community to be addressed will consist of residents, public service employees, businesses, commercial/industrial facilities and construction site personnel in unincorporated/urbanized areas of EPC. These areas are mostly residential in nature and not intended to attract visitors.

(a)BMP, Measurable Goal and Date – Educational Material and Distribution

EPC will distribute storm water related materials at 3 or more public facilities (County buildings, elementary schools, etc.). Examples include such items as information sheets, brochures, bookmarks, etc. These materials may be developed by EPC staff, EPA, TCEQ, or any other source. Some of these materials will address illicit discharges, construction, NOI submittals and other information materials required by the permit. Additionally EPC may elect to use materials that are intended for TV or radio broadcasts, if such materials are affordable. Also EPC may participate in regional storm water education projects to supplement or replace (if the regional activities are more effective or reach a larger audience) this BMP and will report activities in the annual report.

Goal and Date: At least 500 copies will be distributed annually throughout the life of the new permit. TV or radio broadcasts may substitute for 500 hundred copies.

Status: **Ongoing**

(b)BMP, Measureable Goal and Date – Outside Participation

Participate with other organizations in order to develop storm water educational materials which can be used by MS-4s in the West Texas region. Any materials developed by such organizations will be reviewed by EPC staff and may be used during appropriate times throughout the permit term.

Goal and Date: Document participation with other organizations. Participation will continue throughout the permit term.

Status: **Ongoing**

(c) BMP Measureable Goal and Date – Public Service Websites

Post storm water information on the EPC website:

<http://www.epcounty.com/publicworks> EPC Public Works Department will also provide links to the TCEQ, EPA and storm water websites.

Goal and Dates: The EPC Public Works website is active and contains storm water information. The sites will be reviewed annually to determine if content revisions are needed.

Status: **Ongoing**

(d) BMP, Measureable Goal and Date – Publish SWMP & Annual Report on Website

EPC Officials will review and update the SWMP once a year in conjunction with completion of the annual report.

Goal and Date: The SWMP and annual report will be published on the County Website within 30 days of submittal of annual reports to TCEQ.

Status: **Ongoing**

(e) BMP, Measureable Goal and Date – Public Notice for Meeting

EPC Commissioner's Court is subject to state/local public notice requirements, which meet TCEQ minimum requirements for public involvement/participation.

Goal and Date: Staff will verify that Commissioner's Court meetings comply with public notice requirements and include that information in the annual reports to TCEQ. Public notice for meetings is already in effect and will continue throughout the life of the new permit.

Status: **Ongoing**

(f) BMP, Measureable Goal and Date – Post Draft SWMP on Website

After internal review by EPC Officials, staff will post the draft 2019-2024 SWMP on the County's website.

Goal and Draft: Staff will post the Draft 2019-2024 SWMP on the County Website as submitted to TCEQ for review and approval within 30 days of submittal to TCEQ.

Status: **In Process**

(g) BMP, Measureable Goal and Date – Public Notice in Newspaper

After reviewing EPC's NOI and SWMP, TCEQ will issue "the executive director's preliminary determination". This public notice must be published by EPC at least once in the largest circulated newspaper in the county. In addition, this public notice must provide an opportunity for the public to submit comments on the NOI and SWMP and request a public meeting. A public meeting will be held if the TCEQ determines there is sufficient interest.

Goal and Date: Publish TCEQ Executive Director's Preliminary Determination in the El Paso Times, including information about public comment and public meeting request within 30 days after being notified by the TCEQ Office of Chief Clerk.

Status: **Pending Further Official Notification**

Section III.2 – Illicit Discharge Detection and Elimination MCM #2

To the extent allowable under State law, EPC will develop and implement an illicit discharge program. Illicit dischargers that EPC cannot enforce against, after seeking voluntary compliance, will be referred to the TCEQ Region Office in El Paso. Malfunctioning on-site sewage facilities, such as septic systems, are subject to County corrective actions and enforcement, as necessary.

The actual structure of the MS4 system will impact the development of the MCM. EPC's MS4 is composed of many open drainage ditches, which means that illicit discharges to these systems are not as hidden or difficult to find, compared to underground systems. Also, dry weather flows are not as common in ditch systems since they are not lined in concrete and water is absorbed into the ground, while also being exposed to wind and sunlight. Last, outfalls are not commonly found in a ditch system compared to an underground pipe system which discharges into outfalls.

EPC will accept the TCEQ list of allowable non-storm water discharges in the MS4. These non-storm water sources may be discharged from the MS4 and are not required to be addressed in the MS4's Illicit Discharge and Detection MCM or other MCM's. This is provided that they have not been determined by the MS4 to be substantial sources of pollutants to the MS4. A list of the allowable discharges is contained in the TCEQ Fact Sheet and Executive Director's Preliminary Decision, TXR040000.

(a) BMP, Measureable Goal and Date – Detection: Monitoring Drainage System

Illicit discharge detection will be accomplished by visually monitoring outfalls or other locations within drainage ditch systems for indicators of illicit discharges or water pollution. When deemed appropriate by staff, chemical testing or toxicity testing (minnow in a bottle) may also be performed to confirm the presence of an illicit discharge.

Goal and Date: A minimum of 10 outfalls and/or other locations within drainage ditch system locations will be visually monitored annually throughout the life of the new permit.

Status: **Ongoing**

(b) BMP, Measureable Goal and Date – Detection: Impaired Bodies

Check annually if a water body within the MS4's permitted area has been added to the latest 305(a)/303(d) list (Texas Integrated Report Index).

Goal and Date: Newly listed impaired waterbodies will be addressed in the SWMP within 2 years.

Status: **Ongoing**

(c) BMP, Measureable Goal and Date – Detection: Pollution of Concern (POC)

POC evaluations will be performed on outfalls or other locations within the County's drainage system to determine whether the MS4 is a source of the POC

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to the impaired sections of the Rio Grande. If MS4 is determined to be a significant POC source, BMP will be implemented with a goal to reduce the POC. Goal and Date: At every outfall discharging into the Rio Grande located within the MS4 jurisdiction, water samples will be taken annually if sufficient flows are generated for sampling, which may not occur in this arid region. If MS4 is determined to be a source of POC, BMP will be implemented to reduce the POC within a year and submit NOC to update the SWMP the following year.

Status: **Ongoing**

(d) BMP, Measureable Goal and Date – Detection & Correction: Citizen Reports and County Staff Surveillance.

Illicit discharge, complaints from citizens will be investigated by staff. Voluntary compliance will be requested due to the County's limited enforcement powers. TCEQ's Region Field Office will be notified of illicit discharges that do not comply voluntarily.

Goal and Date: Citizen reports and staff discovery of illicit discharges in unincorporated urbanized areas will be investigated within 2 weeks. This activity will continue throughout the life of the new permit.

Status: **Ongoing**

(e) BMP, Measureable Goal and Date – Correction: On-Site Sewage Facilities.

EPC staff will maintain records of actions taken regarding malfunctioning on-site sewage facilities for the storm water program. EPC On-site Sewage will enforce the rules regarding the installation and operation of on-site sewage facilities.

Goal and Date: Documentation will be reported annually throughout the life of the new permit on the enforcement/corrective actions taken regarding on-site sewage facilities.

Status: **Ongoing**

(f) BMP, Measureable Goal and Date: - Detection: Storm Drainage Map

EPC will use a map of urbanized areas in unincorporated EPC that depicts outfalls contained in those areas that discharge directly into waters of the US, using available resources such as EPA Urbanized Area maps, TCEQ website:

www.tceq.state.tx.us/comm_exec/forms_pubs/pubs/gi/gi-316/, 7.5 minute USGS topographic maps, EPC's GIS maps, and/or other readily available resources.

Goals and Dates:

Outfall map will be displayed on the County website and updated annually if necessary.

Status: **Ongoing**

(g) BMP, Measureable Goal and Date - Detection & Correction: Illegal Dumping Team.

EPC Sheriff's Dept. in conjunction with the County Attorney's Environmental Section will offer residents of unincorporated EPC the opportunity to report illegal dumping and will investigate the illegal dumping complaints. Storm water staff will coordinate with the Sheriff's Department and the County Attorney's

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Office to report annual activities (number of illegal dumping cases, cases investigated, violations, convictions, enforcement actions, etc).

Goals and Date: Document activities and include findings in the annual report throughout the life of the new permit.

Status: **Ongoing**

(h) BMP, Measureable Goal and Date – Employee Training

Continue to provide training programs for County employees who can identify/detect illicit discharges and educate the general public regarding allowable non-storm water discharges in the MS4

Goal and Date: Provide annual training sessions for County field staff to receive illicit discharge detection and elimination training during the life of the new permit.

Status: **Ongoing**

Section III.3 – Construction Site Storm Water Runoff Control MCM #3

To the extent allowable under State law, the County will develop and implement a modified construction inspection program in the urbanized areas of unincorporated EPC. The County will participate in this MCM by requiring a Storm Pollution Prevention Plan as part of the documents to be reviewed prior to the commencement of construction. The County will also provide general information about the TCEQ requirements to construction site operators, conducting voluntary reactive and proactive inspections and maintaining a file of Notice of Intent (NOI) for operators to be covered under the TCEQ General Storm Water Permit for construction sites. This file will be readily accessible to TCEQ staff. Any required enforcement will be conducted by TCEQ.

(a) BMP, Measurable Goal and Date – NOI File for Construction

EPC has set up a file system for NOIs and CSNs (Construction Site Notices) that are submitted prior to the commencement of construction MCM activities. The file system contains a field that identifies two sections, one for urbanized area NOIs/CSNs and the other for non-urbanized areas. Urbanized areas are determined by using the TCEQ website link to EPA that is described in Section II.2, Urbanized Areas. TCEQ will have access to this file system to obtain information about construction sites in unincorporated areas in EPC.

Goals and Dates: Continue to maintain and update the existing file system throughout the life of the new permit.

Status: **Ongoing**

(b) BMP, Measurable Goal and Date – Public Submittal of Information

EPC will address public requests of information regarding storm water quality issues associated with construction sites prior to implementing a voluntary construction inspection and enforcement referral program. The County will collect, review and maintain the information. Based on the information collected, the County will either conduct a voluntary construction site visit to observe conditions and resolve issues, make a referral to TCEQ, conduct periodic site surveys, or any other appropriate response to address the issue

Goal and Dates: Initial response will be set at 2 weeks, excluding any repeated, unsubstantiated reports regarding a specific site. This activity will continue throughout the life of the new permit.

Status: **Ongoing**

(c) BMP, Measurable Goal and Date – Site Plan Review

A Storm water pollution prevention plan is part of the review requirements during the platting and site development review procedures for EPC. EPC will address this requirement by providing additional storm water information to developers in the county's review documents.

Goal and Dates: Storm Water Pollution Prevention Plan, Site Notice and NOI information/requirements will continue to be incorporated into the site plan review documents.

Status: **Ongoing**

(d) BMP, Measurable Goal and Date – Site Inspection and Enforcement

The county will conduct voluntary construction site inspections in unincorporated areas of EPC. Site operators will be checked for NOI submittal, the presence and adherence of a functional Storm Water Pollution Prevention Plan (SW3P) and general compliance with TCEQ requirements. If there are violations, voluntary compliance will be requested due to the County's limited enforcement powers. If violations have not been corrected after the follow-up inspection, TCEQ will be notified and the County will discontinue its voluntary inspection at that particular site. The County will not perform inspections if entrance to a construction site is denied or the request to review records is denied. TCEQ will be notified of such occurrences immediately and documented in the County's database.

Goal and Dates: Voluntary construction site inspections will be conducted throughout the life of the new permit. The number of inspections will be determined based on construction activity in EPC.

Status: **Ongoing**

(e) BMP, Measurable Goal and Date – Employee Training

Continue to provide training programs for County employees who are involved with construction inspection and management.

Goal and Date: Annual trainings will be held for new and/or existing County employees involved with construction inspection and management during the life of the new permit.

Status: **Ongoing**

**Section III.4 – Post Construction Storm Water Management in New Development
And Redevelopment MCM #4**

The intent of this MCM is to lessen the storm water quality impacts after construction has been completed on new and redeveloped sites of 1 acre or larger (including larger common plan) of disturbed earth and while people occupy and/or use the sites.

To the extent allowable under State law, EPC will develop and implement a Post Construction MCM in unincorporated EPC, which includes both urbanized and areas adjacent to urbanized areas. Since Texas counties do not have the rule/ordinance making authority that cities have, the County cannot enforce a program to reduce pollutants in post construction storm water runoff at new and redeveloped sites.

The County will participate in this MCM by requiring operators to maintain one hundred percent (100%) of the runoff during construction of their project. Operators shall also retain one hundred percent (100%) of the runoff of post construction, unless site runoff is determined to be waters of the State and required to be released downstream. In certain cases, the County will also allow the use of unlined or pervious drainage ditches and ponds, instead of impervious concrete and underground storm drain pipe systems, which cities typically require.

Compared to impervious underground storm drain pipe systems, above ground open grassy drainage ditch and pond systems allow more storm water runoff to soak into the ground provides a means of detaining and treating, to a degree, some pollutants (sediment, nutrients/fertilizers, detergents, etc.) and allows illicit discharges to be easier to observe and locate. Drainage ditch and pond systems are usually less costly to install, which provides an obvious incentive for their continued installation during and beyond this permit period. Implementation of retention basins for new development and redeveloped areas reduces downstream runoff velocities in the overall watershed area, which results in erosion reduction.

EPC maintains drainage ponds, ditches and channels that serve County roads and will continue to do so throughout the permit term. Ditch and pond maintenance data will be provided in the annual report to TCEQ.

(a) BMP, Measurable Goal and Date – Runoff Control Program

During the post construction phase of site development projects concurred by EPC, random inspections will be performed to verify if the drainage infrastructure constructed has been adequately maintained to manage one hundred percent (100%) of the site runoff referenced in the site plan.

Goal and Dates: EPC will conduct a minimum of 10 inspections annually to ensure that there is no water quality impact after construction.

Status: **Ongoing**

(b) BMP, Measurable Goal and Date – Pervious Drainage Systems

EPC Infrastructure Services Department crew will maintain the open, unlined storm drainage ditches beside County roads in unincorporated areas. This process will allow the drainage system to operate properly and produce storm water quality benefits.

Goal and Dates: Provide an annual list of the maintained drainage ditches in the annual report throughout the life of the new permit.

Status: **Ongoing**

(c) BMP, Measurable Goal and Date – Site Inspection and Enforcement

The County will conduct voluntary post-construction site inspections in unincorporated areas of EPC to ensure compliance with TCEQ requirements. If there are violations, voluntary compliance will be requested due to the County's limited enforcement powers. If violations have not been corrected after the follow-up inspection, TCEQ will be notified and the County will discontinue its voluntary inspection at that particular site. The County will not perform inspections if entrance to a construction site is denied or the request to review records is denied. TCEQ will be notified of such occurrences immediately and documented in the County's database.

Goal and Dates: Voluntary construction site inspections will be conducted throughout the life of the new permit. The number of inspections will be determined based on construction activity in EPC.

Status: **Ongoing**

(d) BMP, Measurable Goal and Date – AgriLIFE EXTENSION Program

EPC will support AgriLIFE EXTENSION Program by encouraging new home owners and others in the County to use El Paso County Horticulture and Gardening website link from either the El Paso County's main website or AgriLIFE EXTENSION Program website: <http://elpasotaex.tamu.edu/hg/> to learn earth kind practices. (Earth Kind practices use research-proven techniques to provide maximum gardening and landscape enjoyment while preserving and protecting our fragile environment.) This website addresses gardening, water conservation, recycling and other environmental issues to make our community better.

Goal and Dates: Provide support and education on AgriLIFE EXTENSION Program annually.

Status: **Ongoing**

Section III.5 – Pollution Prevention/Good Housekeeping for Municipal Operations
MCM #5

EPC will establish a program to conduct its general operations in a manner that prevents or reduces pollution in storm water runoff to the maximum extent practicable. This MCM requires local government to examine multiple internal operations to see if they can be maintained or modified to prevent or minimize storm water pollution or illicit discharge. As stated by TCEQ, examples of local government operations include, but are not limited to: park and open space maintenance; street, road or highway maintenance; land disturbances; parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations.

(a) BMP, Measureable Goal and Date – County Operations Survey

EPC will conduct site surveys of County facilities along with its stormwater controls and discuss issues with the County administration, departmental representatives and/or storm water staff. Stormwater pollution prevention measures and structural BMP's at the facility will be inspected and receive appropriate maintenance as necessary. EPC will also identify operation activities that may potentially impact storm water quality, discharge pollutants of concern or generate illicit discharges by visually monitoring outfalls or other locations within drainage ditch systems for indicators of illicit discharges or water pollution. When deemed appropriate by staff, chemical testing or toxicity testing (minnow in bottle) may also be performed to confirm the presence of an illicit discharge.

Goal and Date: At least 6 locations will be visually monitored annually beginning Permit Year 1.

Status: **Ongoing**

(b) BMP, Measureable Goal and Date – Detection & correction: County Staff

Surveillance

Operation activities that may potentially impact storm water quality or generate illicit discharges will be investigated by staff and voluntary corrective actions will be taken.

Goal and Date: Staff discovery of activities that may potentially impact water quality will be investigated with 2 weeks. Corrective actions will be addressed immediately. This activity will be performed throughout the life of the new permit.

Status: **Ongoing**

(c) BMP, Measureable Goal and Date – Proper Waste Disposal

A report to document the proper waste disposal for County MS-4 related operations or maintenance will be maintained and updated. The report will address dredge spoil, accumulated sediments and floatables (trash and debris in storm drain system).

Goal and Date: The report will be included in the annual report each permit year.

Status: **Ongoing**

(d) BMP, Measureable Goal and Date – Employee Training

Continue to provide training programs for County employees who have the potential to impact storm water quality.

Goal and Date: Annual pollution prevention trainings will be held for new and/or existing County employees with the potential to impact storm water during the life of the new permit.

Status: **Ongoing**

(e) BMP, Measureable Goal and Date – Contractor Procedures

Develop oversight procedures for contractors who will be working at a County facility that may have the potential to impact storm water quality.

Goal and Date: Contractors with the potential to impact storm water will be required to follow procedures regarding storm water pollution prevention.

Status: **Ongoing**

(f) BMP, Measureable Goal and Date: - SPCC Plans for County Facilities

EPC will comply with federal spill prevention control and counter measures plan regulations, and review spill response procedures to ensure storm water quality protection measures are considered during spill response. The county has evaluated and determined only two facilities currently require Spill Prevention Control and Countermeasures Plans (SPCC). An annual report on the facilities with SPCC plans and required actions will be documented.

Goal and Date: SPCC requirements and compliance will be documented with the MS4 annual report.

Status: **Ongoing**

SECTION IV – RECORDKEEPING and REPORTING

Section IV. A – Recordkeeping

EPC will maintain all records, a copy of the TPDES general permit and all data used to complete the application (NOI) for this permit, for a period of at least three years, or for the term of this permit, whichever is longer. A current/updated copy of the SWMP, NOI and a copy of the permit language/requirements will be maintained at the EPC Planning & Development Department.

EPC will make the records, including the NOI and SWMP available to the public, if requested to do so in writing. The SWMP will be available within two working days following the request from the public. Other records will be provided within 10 working days, unless the request required an unusual amount of time or effort to assemble. In which case, Texas law regarding the Public Information Act will be followed. Reasonable charges, in accordance with Texas law, may be levied by the County for researching and preparing any requested material.

Section IV.B.2 – Annual Report

EPC will submit a concise report to the Executive Director of TCEQ within 90 days of the end of each permit year. The annual report will address the requirements listed in the TPDES Phase 2 MS-4 general permit rules. The County will also maintain copies of annual reports at the EPC Planning & Development Department.

EL PASO COUNTY TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) MANAGEMENT PROGRAM
Summary of MCMs, BMPs and Measurable Goals

Minimum Control Measure	Best Management Practices	Measurable Goals
<p>MCM #1, Section III.1: Public Education, Outreach and Involvement MCM</p>	<p>(a)BMP: Educational Material and Distribution</p> <p>(b)BMP: Outside Participation ADD MEASURABLE GOAL</p> <p>(c)BMP: Public Services Websites</p> <p>(d)BMP: Publish SWMP & Annual Report on Website</p> <p>(e)BMP: Public Notice for Meeting</p> <p>(f)BMP: Post Draft SWMP on Website</p>	<ul style="list-style-type: none"> • Distribute storm water related materials. At least 500 copies will be distributed annually throughout the life of the new permit. • Document participation with other organizations. Participation will continue throughout the permit term. • The EPC Public Works website is active and contains storm water information. The sites will be reviewed annually to determine if content revisions are needed. • EPC staff will review and update the SWMP once a year in conjunction with the annual report and will be published on the County website • Staff will verify that Commissioner’s Court meetings comply with public notice requirements and include that information in the annual reports to TCEQ. Public notice for meetings is already in effect and will continue throughout the life of the new permit. • Staff will post the Draft SWMP on the County Website as submitted to TCEQ for review and approval.

	(g)BMP: Public Notice in Newspaper	<ul style="list-style-type: none"> • Publish TCEQ Executive Director’s Preliminary Determination in the El Paso Times within 30 days after being notified by the TCEQ Office of Chief Clerk.
<p>MCM #2, Section III.2: Illicit Discharge Detection and Elimination MCM</p>	<p>(a)BMP: Detection: Monitoring Drainage System</p> <p>(b)BMP: Detection: Impaired Bodies</p> <p>(c)BMP: Detection: Pollution of Concern</p> <p>(d)BMP: Detection & Correction: Citizen Reports and County Staff Surveillance.</p> <p>(e)BMP: Correction: On-Site Sewage Facilities</p>	<ul style="list-style-type: none"> • Visually monitor outfalls or location discharge within drainage ditch systems for indicators of illicit discharges or water pollution. This activity will continue throughout the life of the new permit. • EPC staff will check annually if a water body within the MS4’s permitted area has been added to the latest 305(a)/303(d) list (Texas Integrated Report Index). • Determination if MS4 is a source of POC. If MS4 is determined to be source of POC, BMP will be implemented to reduce the POC within a year and submit NOC to update the SWMP the following year. • Illicit discharge, complaints from citizens will be investigated by staff. This activity will continue throughout the life of the new permit. • Software has been obtained and used to track corrective actions taken regarding on-site sewage facilities and will continue throughout the life of the new permit.

	<p>(f)BMP: Detection: Storm Drainage Map</p> <p>(g)BMP: Detection & Correction: Illegal Dumping Team.</p> <p>(h)BMP: Employee Training</p>	<ul style="list-style-type: none"> • Resources have been identified and implemented and will continue to be utilized throughout the life of the new permit. • Document activities and include findings in the annual report and will continue throughout the life of the new permit. • County field staff will continue to receive illicit discharge detection and elimination training during the life of the new permit.
<p>MCM #3, Section III.3: Construction Site Storm Water Runoff Control MCM</p>	<p>(a)BMP: NOI File for Construction</p> <p>(b)BMP: Public Submittal of Information</p> <p>(c)BMP: Site Plan Review</p>	<ul style="list-style-type: none"> • Continue to maintain/update the existing file system throughout the life of the new permit. • EPC will address public requests of storm water quality issues associated with construction sites prior to implementing a voluntary construction inspection and enforcement referral program. The County will collect, review and maintain the information. This activity will continue throughout the life of the new permit. • Storm Water Pollution Prevention Plans, Site Notices and NOI documentation will continue be part of the platting and site development review process. This activity will continue throughout the life of the new permit.

	<p>(d)BMP: Site Inspection and Enforcement</p> <p>(e)BMP: Employee Training</p>	<ul style="list-style-type: none"> • Voluntary construction site inspections will be conducted throughout the life of the new permit. The number of inspections will be determined based on construction activity in EPC. • County employees involved with construction inspection and management will continue to receive training for construction site stormwater runoff control during the life of the new permit.
<p>MCM #4, Section III.4: Post Construction Storm Water Management in New Development And Redevelopment MCM</p>	<p>(a)BMP: Runoff Control Program</p> <p>(b)BMP: Pervious Drainage Systems</p> <p>(c)BMP: Site Inspection and Enforcement</p> <p>(d)BMP: AgriLIFE EXTENSION Program</p>	<ul style="list-style-type: none"> • EPC will conduct annual inspections to ensure proper maintenance is performed on drainage infrastructure for site developments in the post construction phase. This is currently in effect and will remain in effect throughout the life of the new permit. • Provide an annual list of the maintained drainage ditches in the annual report throughout the life of the new permit. • Voluntary construction site inspections will be conducted throughout the life of the new permit. The number of inspections will be determined based on construction activity in EPC • Provide support and education on AgriLIFE EXTENSION Program throughout the life of the permit.

<p>MCM #5, Section III.5: Pollution Prevention/Good Housekeeping for Municipal Operations MCM</p>	<p>(a)BMP: County Operations Survey</p> <p>(b)BMP: Detection and correction: County Staff Surveillance</p> <p>(c)BMP: Proper Waste Disposal</p> <p>(d)BMP: Employee Training</p> <p>(e)BMP: Contractor Procedures</p> <p>(f)BMP: SPCC Plans for County Facilities</p>	<ul style="list-style-type: none"> • At least 6 County facility locations will be visually monitored annually to identify operation activities that may potentially impact storm water quality or generate illicit discharges beginning Permit Year 1. • Staff discovery of activities that may potentially impact water quality will be investigated with 2 weeks. Corrective actions will be addressed immediately. This activity will be performed throughout the life of the new permit. • A report to document the proper waste disposal for County MS-4 related operations or maintenance will be included in the annual report. • Annual pollution prevention training will be held to train County employees with the potential to impact storm water. • Contractors working at a County facility will be required to follow procedures regarding storm water pollution prevention. • On all County Facilities requiring an SPCC, documentation of compliance will be documented and included in the MS4 annual report.
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