

**DRAFT**

**COURT ORDER  
2019-0703**



Stormwater Management Program for the Unincorporated Urbanized Areas, Dallas County

On a motion made by Commissioner J.J. Koch, District 2, and seconded by Commissioner John Wiley Price, District 3, the following order was passed and adopted by the Commissioners Court of Dallas County, State of Texas:

BRIEFING DATE: 7/2/2019  
FUNDING SOURCE: Fund 105.2150.2550

Be it resolved and ordered that the Dallas County Commissioners Court does hereby approve and authorize the County Judge the authority to execute the Storm Water Management Program, and provide the necessary documents to the TCEQ by July 23, 2019 including the Stormwater Management Program, Notice of Intent, Core Data Form, Coversheet, and \$400 fee as well as subsequent annual reports, documents and fees required by the TPDES program for the permit term of the five year Storm Water Management Program. Fund 105.2150.2550.

Done in open court July 2, 2019, by the following vote:

IN FAVOR: Honorable Clay Lewis Jenkins, County Judge  
Commissioner Dr. Theresa M. Daniel, District 1  
Commissioner J.J. Koch, District 2  
Commissioner John Wiley Price, District 3  
Commissioner Dr. Elba Garcia, District 4

OPPOSED: None  
ABSTAINED: None  
ABSENT: None

Recommended by: Alberta Blair  
Originating Department: Public Works

**COMMISSIONERS COURT BRIEFING**



**DATE:** 7/2/2019

**SUBMITTING DEPARTMENT:** Public Works

**THROUGH:**

**SUBJECT:** Stormwater Management Program for the Unincorporated Urbanized Areas, Dallas County

**BACKGROUND:**

Dallas County operates a regulated small municipal separate storm sewer system (MS4), within the Unincorporated Urbanized Areas of Dallas County. Dallas County staff is required to develop and submit to the Texas Commission for Environmental Quality (TCEQ), a stormwater management program (SWMP) that includes these minimum control measures (MCMs):

- MCM 1: Public Education, Outreach, and Involvement
- MCM 2: Illicit Discharge Detection and Elimination
- MCM 3: Construction Site Stormwater Runoff Control
- MCM 4: Post-construction Stormwater Management in New Development and Redevelopment
- MCM 5: Pollution Prevention and Good Housekeeping for Municipal Operations

These minimum control measures must be addressed by identifying and applying best management practices (BMP's). The goal of these minimum control measures and subsequent best management practices is to improve water quality and reduce pollution.

This program known as the "revised TPDES (Texas Pollutant Discharge Elimination System) General Permit to authorize discharge of storm water from regulated Phase 2 Municipal Separate Storm Sewer Systems (MS4)" was renewed by the TCEQ Commissioners on January 24, 2019. Under this rule, Phase 2 MS4's must submit applications for coverage to TCEQ by July 23, 2019. The application must include a Notice of Intent for coverage (NOI) 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 describes in detail which Best Management Practices (BMPs) will be implemented to meet the minimum control measures. The permit term covers 5 years (01/24/2019 – 01/24/2024).

Each year, Dallas County will submit an annual report updating the TCEQ on the status of the stormwater management program. The purpose of this briefing is to allow the Commissioners Court to provide the County Judge the authority to execute the Storm Water Management Program, and provide the necessary documents to the TCEQ by July 23, 2019 including the Stormwater Management Program, Notice of Intent, Core Data Form, Coversheet, and \$400 fee.

<b>RECOMMENDED BY:</b>	Public Works	<b>PREPARED BY:</b>	Linette Malloy
		<b>APPROVED BY DEPT HEAD:</b>	Alberta Blair

Additionally, the Director of Public Works recommends the Commissioners Court provide the County Judge the authority to execute the Storm Water Management Program Annual Reports for the 5 year permit term from 2019 to 2024.

**OPERATIONAL IMPACT:**

Staff from the Public Works Department authors the stormwater management program, with information provided from other departments including Dallas County Health and Human Services, The Fire Marshal's Office, Road and Bridge Superintendents, and the Dallas County Home Chemical Collection Center (HC3).

**FINANCIAL IMPACT:**

The Stormwater Management Program and subsequent annual reports is a state requirement. The best management practices identified in the Stormwater Management Program are already being performed by County Staff. Staff time is involved in collecting information and writing the report.

The annual fee for the Stormwater Management Program is currently \$400 and will be paid from Fund 105.2150.2550.

**LEGAL IMPACT:**

N/A

**PROJECT SCHEDULE:**

The Storm Water Management Program and associated documents must be delivered to the TCEQ by July 23, 2019. These associated documents include the Notice of Intent, Core Data Form, coversheet, and \$400 fee.

Additionally, an annual report, associated documents and fee will be due on March 30th each year of the permit term.

**SBE PARTICIPATION:**

N/A

**ADMINISTRATIVE PLAN COMPLIANCE:**

Compliance with the Texas Pollutant Discharge Elimination System requirements meets several goals of Dallas County's Administrative Plan including:

- Dallas County is a healthy community. Programs identified in the County Stormwater Management Program promote public health.
- Dallas County proactively addresses critical regional issues. The Stormwater Management Program addresses water quality issues from a regional perspective.

**RECOMMENDATION:**

Approve and authorize the County Judge the authority to execute the Storm Water Management Program, and provide the necessary documents to the TCEQ by July 23, 2019 including the Stormwater Management Program, Notice of Intent, Core Data Form, Coversheet, and \$400 fee as well as subsequent annual reports, documents and fees required by the TPDES program for the permit term of the five year Storm Water Management Program. Fund 105.2150.2550.



**Notice of Intent (NOI) for Small Municipal  
Separate Storm Sewer Systems (MS4) authorized  
under TPDES Phase II MS4 General Permit  
TXR040000**

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**IMPORTANT:**

Use the [INSTRUCTIONS](#) to fill out each question in this form.

Once approved, your permit authorization can be viewed at:

<http://www.tceq.texas.gov/goto/wq-dpa>

**APPLICATION FEE:**

You must pay the **\$400** Application Fee to TCEQ for the application to be complete.

Payment and NOI must be mailed to separate addresses.

You can pay online at: <http://www.tceq.texas.gov/goto/epay>

Select Fee Type: GENERAL PERMIT MS4 PHASE II STORMWATER DISCHARGE NOI APPLICATION

**Provide your payment information below, for verification of payment:**

Mailed      Check/Money Order Number:

Check/Money Order Amount:

Name Printed on Check:

EPAY      Voucher Number:

Is a copy of the Payment Voucher enclosed?     Yes

**One (1) copy of the NOI, Stormwater Management Program (SWMP) cover sheet, and SWMP MUST be submitted with the original NOI, SWMP cover sheet, and SWMP.**

Is the copy attached?     Yes

**REASON FOR APPLICATION:**

Select the reason you are submitting this application:

New authorization

Renewal of authorization number: TXR040120

**Note: An authorization cannot be renewed after July 23, 2019**

## 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 601259450
- b) What is the exact Legal Name of the entity (applicant) applying for this permit?  
Dallas County
- 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.): Ms.

First and Last Name: Alberta L. Blair

Title: Public Works Director

Organization Name: Dallas County

Phone Number: 214-653-7151

Fax Number: 214-653-6445

Email: alberta.blair@dallascounty.org

Mailing Address: Department of Public Works, 411 Elm Street, 4th Floor

City, State, and Zip Code: Dallas, TX 75202

## 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: Alberta L. Blair

Title: Public Works Director

Organization Name: Dallas County

Phone Number: 214-653-7151

Fax Number: 214-653-6445

Email: alberta.blair@dallascounty.org

Mailing Address: Department of Public Works, 411 Elm Street, 4th Floor

City, State, and Zip Code: Dallas, TX 75202

## 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 105510929
- b) Name of site as known by the local community:  
Unincorporated Dallas County
- c) Name of the urbanized area(s) the Phase II MS4 is located within:  
Dallas-Fort Worth-Arlington Urbanized Area
- 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 Within Dallas County from City of Coppell in the NW corner to the cities of Wilmer, Hutchins, and Seagoville in the SE Corner

## 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?)  
7175 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. \_\_\_\_\_ TXR04 \_\_\_\_\_
- 2. \_\_\_\_\_ TXR04 \_\_\_\_\_
- 3. \_\_\_\_\_ TXR04 \_\_\_\_\_
- 4. \_\_\_\_\_ TXR04 \_\_\_\_\_
- 5. \_\_\_\_\_ TXR04 \_\_\_\_\_
- 6. \_\_\_\_\_ TXR04 \_\_\_\_\_

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 7<sup>th</sup> 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: Alberta L. Blair

Title: Public Works Director

Organization Name: Dallas County

Phone Number: 214-653-7151

Fax Number: 214-653-6445

Email: alberta.blair@dallascounty.org

Mailing Address: Department of Public Works, 411 Elm St., 4th Floor

City, State, and Zip Code: Dallas, TX 75202

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? Bear Creek (Crk), Cottonwood Crk, Denton Crk, Duck Crk, Elm Fork Trinity River, Estelle Crk, Lake Ray Hubbard, Lower West Fork Trinity River, North Mesquite Crk, Rawlins Crk, Upper Trinity River
2. What is the classified segment number(s) that the discharges will eventually reach? 0805, 0805A, 0805B, 0806, 0819, 0819A, 0820, 0820C, 0822, 0825, 0827A, 0841, 0841A, 0841B, 0841O

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? 0805, 0806, 0819, 0841, 0841A

What is/are the pollutants(s) of concern? Dioxin, PCB In Fish Tissue, Bacteria, Sulfates, TDS

No

4. Does the impaired water body(ies) have a TMDL (Category 4 waterbody)?

Yes

What is/are the pollutants with a TMDL? Dioxin, PCB, Bacteria

No



**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 1<sup>st</sup> of each year will be assessed an Annual Water Quality Fee.

Yes

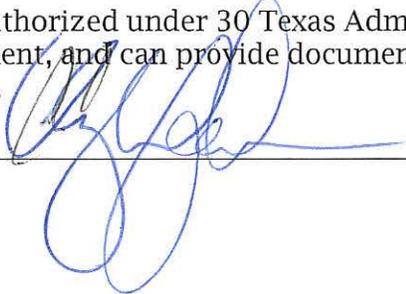
**Operator Certification**

Operator Signatory Name: Clay Lewis Jenkins

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):  Date: 7-2-19

## STORMWATER MANAGEMENT PROGRAM (SWMP) COVER SHEET

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

### Operator

Operator name: Dallas County

### 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	13-17
Clearly define the goals and objectives of the program based on high-priority community-wide issues	13-17
Identify the target audiences	13-17
Develop or use appropriate educational material	13-17
Procedures to distribute educational material	13-17
Make the educational material available to the target audience at least annually	13-17
Post the SWMP and annual reports on the MS4's website, if the MS4 has a	18

MCM 1 Required Elements	SWMP page number
website	
Include the MS4's website address where the SWMP and annual reports will be found, if the MS4 has a website	13
SWMP includes a program that complies with state and local public notice requirements	18
Include public input in the implementation of the program	18
Include opportunities for citizen to participate in implementation of control measures	18
Ensure the public can easily can find information about the SWMP.	18
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.	13-18
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	13-18
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	13-18

## 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.	19-21
MS4 map: The map includes: <ul style="list-style-type: none"> <li>• Location of all small MS4 outfalls operated by the MS4 and that discharge into waters of the U.S.;</li> <li>• Location and name of all surface waters receiving discharge from the MS4s outfalls;</li> <li>• For Level 3 and 4 small MS4s: Location of MS4 owned or operated facilities and stormwater controls; and</li> <li>• For Level 4 small MS4s: Location of priority areas.</li> </ul>	21
Methods for informing and training MS4 field staff	23
Procedures for tracing the source of an illicit discharge	19

MCM 2 Required Elements	SWMP page number
Procedures for removing the source of the illicit discharge	20
Procedures to facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4	19-20
Procedures for responding to illicit discharges and spills	20
Procedures for inspections in response to complaints	19-20
<b>For Level 2, 3, and 4 small MS4:</b> Procedures to prevent and correct leaking on-site sewage disposal systems	20
<b>For Level 3 and 4 small MS4s:</b> Procedures for follow-up investigation to verify that the illicit discharge has been eliminated	N/A
<b>For Level 4 small MS4s:</b> Procedures for identifying and creating a list of priority areas within the small MS4s likely to have illicit discharges	N/A
<b>For Level 4 small MS4s:</b> 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
<b>For Level 4 small MS4s:</b> 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.	19-21
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	19-21
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	19-21

### **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	22
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	8
Program requires construction site operators to implement BMPs for	22

MCM 3 Required Elements	SWMP page number
erosion and sediment control	
Program requires construction site operators to have procedures for initiating and completing soil stabilization measures	22
Program requires construction site operators to implement BMPs to control pollutants from equipment and vehicle washing and other wash waters	22
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	22
Program requires construction site operators to implement BMPs to minimize the discharge of pollutants from spills and leaks.	22
Program ensures that the construction site has developed a stormwater pollution prevention plan in accordance with the TPDES Construction General Permit TXR150000	22
Program prohibits illicit discharges such as wash out wastewater, fuels, oils, soaps, solvents, and dewatering activities	22
Procedures for construction site plan review to consider water quality impacts	22
Procedures for construction site inspections and enforcement of control measures, to the extent allowable under state and local law	22
Procedures for receipt and consideration of information submitted by the public	22-23
Procedures for MS4 staff training	23
<b>For Level 3, and 4 small MS4s:</b> 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.	22-23
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	22-23
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	22-23

## 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)	23-24
Description of ordinance or other regulatory mechanism that is in place or planned which will regulate discharges from new development and redevelopment projects	23-24
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	23-24
Procedures to document and maintain records of enforcement actions	23-24
Procedures to ensure long-term operation and maintenance of post construction stormwater control measures	25
Operation and maintenance of post construction stormwater control measures is documented	25
<b>For Level 4 small MS4s:</b> 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.	25
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	25
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	25

## 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	25-26
Develop and maintain an inventory of facilities and stormwater controls that are owned or operated by the MS4	25-27
Procedures to inform or train staff involved in implementing pollution prevention and good housekeeping practices. Maintain training attendance records	25-26
Procedures to remove and properly dispose of waste from the MS4	25-26
Contractors hired by the MS4 must be required to comply with operating procedures. Develop contractor oversight procedures	25-26
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.	25-27
Identify pollutants of concern that could be discharged from the O&M activities	25-27
Develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities	25-27
Conduct inspections of pollution prevention measures and maintain inspection log	26-27
Procedures for inspecting and maintaining structural controls	25-26
<b>For Level 3 and 4 small MS4s:</b> 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
<b>For Level 3 and 4 small MS4s:</b> Develop a list of potential problem areas in the storm sewer system for increased inspection (for example, areas with recurring illegal dumping)	N/A
<b>For Level 3 and 4 small MS4s:</b> 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
<b>For Level 3 and 4 small MS4s:</b> 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	N/A

MCM 5 Required Elements	SWMP page number
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	
<b>For Level 3 and 4 small MS4s:</b> Develop facility specific stormwater management Standard Operation Procedures for high priority facilities	N/A
<b>For Level 3 and 4 small MS4s:</b> 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
<b>For Level 3 and 4 small MS4s:</b> Develop and implement an inspection program that includes high priority facilities	N/A
<b>For Level 4 small MS4s:</b> 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
<b>For Level 4 small MS4s:</b> 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 disposal; disposal of cigarette butts; and park maintenance (e.g., providing trash bags).	26-27
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	26-27
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	26-27

**MCM 6: Industrial Stormwater Sources**

Table 6: Required Elements for MCM 6

<b>MCM 6 Required Elements</b>	<b>SWMP page number</b>
<b>For Level 4 MS4 only:</b> 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
<b>For Level 4 MS4 only:</b> 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

<b>MCM 7 Required Elements</b>	<b>SWMP page number</b>
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
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

**DRAFT**

## Texas Commission on Environmental Quality General Permit Payment Submittal Form

Use this form to submit your Application Fee only if you are mailing your payment.

- Complete items 1 through 5 below.
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI.

**Mail this form and your check to:**

*BY REGULAR U.S. MAIL*

Texas Commission on Environmental  
Quality  
Financial Administration Division  
Cashier's Office, MC-214  
P.O. Box 13088  
Austin, TX 78711-3088

*BY OVERNIGHT/EXPRESS MAIL*

Texas Commission on Environmental  
Quality  
Financial Administration Division  
Cashier's Office, MC-214  
12100 Park 35 Circle  
Austin, TX 78753

Fee Code: GPA	General Permit: TXR040000
---------------	---------------------------

1. Check / Money Order No: \_\_\_\_\_
2. Amount of Check/Money Order: \_\_\_\_\_
3. Date of Check or Money Order: \_\_\_\_\_
4. Name on Check or Money Order: \_\_\_\_\_
5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.

If more space is needed, you may attach a list.

Project/Site (RE) Name: \_\_\_\_\_

Project/Site (RE) Physical Address: \_\_\_\_\_

\_\_\_\_\_ Staple Check in This Space \_\_\_\_\_

**Instructions for Notice of Intent (NOI) for Small  
Municipal Separate Storm Sewer Systems (MS4)  
authorized under  
TPDES Phase II MS4 General Permit TXR040000**

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**GENERAL INFORMATION****Where to Send the Notice of Intent (NOI)**

You are required to submit the original and one copy of the NOI, Core Data Form(s), Stormwater Management Program (SWMP) Cover Sheet, and the SWMP. Submit these documents to one of the following addresses:

**BY REGULAR U.S. MAIL:**

Texas Commission on Environmental  
Quality  
ARP Team (MC-148)  
P.O. Box 13087  
Austin, Texas 78711-3087

**BY OVERNIGHT/EXPRESS MAIL:**

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

**Fees Associated with this General Permit**

The application fee of \$400 is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit. Payment of the fee may be made by check or money order, payable to TCEQ, or through EPAY (electronic payment through the web).

**Mailed Payments:**

Use the attached General Permit Payment Submittal Form. The application fee is submitted to a different address than the NOI. Read the General Permit Payment Submittal Form for further instructions.

**Where to Send the Payment****BY REGULAR U.S. MAIL:**

Texas Commission on Environmental  
Quality  
Financial Administration Division  
Cashier's Office, MC 214  
P.O. Box 13088  
Austin, Texas 78711-3087

**BY OVERNIGHT/EXPRESS MAIL:**

Texas Commission on Environmental  
Quality  
Financial Administration Division  
Cashier's Office, MC 214  
12100 Park 35 Circle  
Austin, TX 78753

**ePAY Electronic Payment:** <http://www.tceq.texas.gov/epay>

When making the payment you must select Water Quality, and then select the fee category "General Permit MS4 Phase II Stormwater Discharge NOI Application". You must include a copy of the payment voucher with your NOI. Your NOI will not be considered complete without the payment voucher.

**Annual Water Quality Fee**

This fee is assessed to permittees with an active authorization under the general permit on September 1 of each year. The designated billing contact will receive an invoice for payment of the annual fee in November of each year. The payment will be due 30 days from the invoice.

A 5% penalty will be assessed if the payment is not received by TCEQ by the due date. Annual fee assessments cannot be waived as long as the authorization under the general permit is active on September 1.

It is important for the permittees to submit an NOT when coverage under the general permit is no longer required. An NOT is effective on the postmarked date of mailing the form to TCEQ. If the NOT is mailed it is recommended that the NOT be mailed using a method that documents the date mailed and received by TCEQ.

**Mailed Payments:**

You must return your payment with the billing coupon provided with the billing statement.

ePAY Electronic Payment: <http://www.tceq.texas.gov/epay>

You must enter your account number provided at the top portion of your billing statement. Payment methods include American Express, MasterCard, Visa, and electronic check payment (ACH).

**TCEQ Contact List**

Small Business & Local Government Assistance	800-447-2827
Application - status and form questions:	512-239-4671
Technical questions:	512-239-4671
Environmental Law Division:	512-239-0600
Records Management - obtain copies of forms:	512-239-0900
Reports from databases (as available):	512-239-DATA (3282)
Cashier's office:	512-239-0357 or 512-239-0187

**Notice of Intent Process**

When your Core Data Form, NOI, and SWMP are received by the program, the form will be processed as follows:

**Administrative Review:** Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(s) on the form must be verified with the US Postal service as receiving regular mail delivery. Do not give an overnight/express mailing address.

**Notice of Deficiency:** If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.

**Technical Review of SWMP:** The NOI and SWMP will be reviewed to verify compliance with the requirements in the general permit. More information may

be requested by phone or technical NOD letter mailed to the SWMP contact. When a determination is made that the SWMP meets the requirements of the general permit, the Executive Director's preliminary determination will be prepared and filed with the TCEQ Office of Chief Clerk (OCC).

**Public Participation Process:** The OCC will mail the Executive Director's preliminary determination to the public participation contact provided in the NOI. This individual must publish the notice in the newspaper of largest circulation in the county where the small MS4 is located.

The 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 applicant must submit a copy of the newspaper clipping and an affidavit signed by the newspaper staff to the OCC within 60 days of receiving the written instructions from the OCC.

If significant public interest exists, the executive director will direct the applicant to publish notice of the meeting and to hold the public meeting. The applicant must publish the notice of public meeting at least 30 days prior to the public meeting and hold the meeting in the county where the MS4 is located.

**Acknowledgment of Coverage:** An Acknowledgment Certificate will be mailed to the operator. This certificate acknowledges coverage under the general permit.

or

**Denial of Coverage:** Coverage may be denied if the operator fails to respond to the NOD, the response is inadequate, or the NOI and SWMP do not meet the requirements of the general permit. If coverage is denied, the operator will be notified.

### **General Permit**

Coverage under the general permit begins upon approval of the NOI, Core Data Form, and SWMP by TCEQ and after the public notice process has been completed. You should have a copy of your general permit when submitting your application. You may view and print your permit for which you are seeking coverage, at the following website <http://www.tceq.texas.gov>. Search using keyword TXR040000.

### **General Permit Forms**

The Notice of Intent (NOI), Notice of Termination (NOT), Notice of Change (NOC) and Core Data Form (including instructions) are available at the TCEQ web site <http://www.tceq.texas.gov>.

### **Change in Operator**

An authorization under the general permit is not transferable. If the operator changes, the present permittee must submit a Notice of Termination (NOT) and the new operator must submit a Notice of Intent and a Core Data Form. The NOT, NOI and Core Data Form must be submitted no later than 10 days prior to the change in status.

## INSTRUCTIONS FOR FILLING OUT THE FORM

**Renewal of General Permit:** Dischargers holding an active authorizations under the expired General Permit are required to submit a NOI to continue coverage. The existing authorization number is required. If the authorization number is not provided or has been terminated, expired, or denied a new permit number will be issued.

This number will begin with TXR04. Do not use TXR040000, it is *the general permit number not your* authorization number.

### Section 1. Operator (Applicant)

#### a) Customer Number (CN)

TCEQ assigns each customer a number that begins with CN, followed by nine digits. This is not a permit number, registration number, or license number. If the applicant is an existing TCEQ customer, the Customer Number is available at the following website: <http://www15.tceq.texas.gov/crpub/>. If the applicant is not an existing TCEQ customer, leave the space for CN blank.

#### b) Legal Name of Applicant

Provide the current legal name of the applicant. The name must be provided exactly as filed with the Texas Secretary of State, or on the legal documents forming the entity as filed with the county. If filed in the county, provide a copy of the legal documents showing the legal name.

#### c) Core Data Form

Complete and attach a Core Data Form (TCEQ-10400) for each customer.

### Section 2. Annual Billing Contact

An annual fee is assessed to each operator holding an active authorization under the general permit on September 1 of each year.

Provide the contact name and complete mailing address where the annual fee invoice should be mailed. Verify the address with the USPS. It must be an address for delivery of regular mail, not overnight express mail.

The phone number should provide contact to the individual responsible for paying the annual fee.

The fax number and e-mail address are optional and should correspond to the individual responsible for paying the annual fee.

### Section 3. Application Contact

Provide the name, title and contact information of the person that TCEQ can contact for additional information regarding this application. This contact may be a consultant or entity other than the applicant.

### Section 4. Regulated Entity (RE) Information For Site

#### a) Regulated Entity Reference Number (RN)

The RN is issued by TCEQ to sites where an activity is regulated by TCEQ. This is not a permit number, registration number, or license number. Search TCEQ's Central Registry to see if the site has an assigned RN at

<http://www15.tceq.texas.gov/crpub/>. If this regulated entity has not been assigned an RN, leave this space blank.

**b) Name of the Project or Site**

Provide the name of the site or project as known by the public in the area where the site is located. The name you provide on this application will be used in the TCEQ Central Registry as the Regulated Entity name.

**c) Name of Urbanized Area**

List the formal name of the urbanized area(s) where the MS4 is located using the 2010 U.S. Census maps referenced in Section 5. c) below. For example: Dallas-Fort Worth-Arlington Urbanized area.

**d) Describe the boundaries of the regulated portion of the small MS4**

Briefly describe the boundaries of the regulated portion of the small MS4.

## Section 5. General Characteristics

**a) Indian Country Lands**

If your site is located on Indian Country Lands, the TCEQ does not have authority to process your application. Do not submit this application form to TCEQ. You must obtain authorization through EPA, Region 6, in Dallas.

**b) TCEQ “Designated” Small MS4**

A small MS4 that is outside of an urbanized area that is formally “designated” by TCEQ is eligible for coverage under this general permit. The small MS4 Operator 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. If the small MS4 was already designated, please attach a copy of the documentation sent to the MS4 by TCEQ.

**c) MS4 Level**

The general permit defines MS4s by four different levels, based on the population served within the 2010 U.S. Census urbanized area (UA). “Population served” means the residential population within the regulated portion of the small MS4 based on the 2010 U.S. Census, except for non-traditional small MS4s that are classified as Level 2.

A reference map identifying the 2010 U.S. Census UAs can be found at [www.epa.gov/npdes/urbanized-area-maps-npdes-ms4-phase-ii-stormwater-permits](http://www.epa.gov/npdes/urbanized-area-maps-npdes-ms4-phase-ii-stormwater-permits).

Districts that did not have a population during the 2010 U.S. Census, are required to apply when their population exceeds the population threshold for permit coverage.

**d) Estimated Population**

List the current estimated population served by the MS4. This number will not be used to determine the Levels.

**e) Coalitions of MS4 entities**

Indicate if the MS4 is part of a coalition that share efforts in meeting any or all of the SWMP requirements.

**f) Members of the Coalition**

List the name of each member of the coalition *and* their unique Phase II MS4 authorization number.

**g) Annual Reporting Year**

The annual report must address the previous reporting year. The selected reporting year cannot be changed during the permit term.

- If the MS4 selects the calendar year, then the reporting year is from January 1 through December 31 of each year.
- If the MS4 selects the Phase II MS4 General Permit year, the reporting year is from the effective date of the general permit plus 365 days of each year.
- If the MS4 selects the fiscal year, the reporting year is from the first day of the MS4's fiscal year through the last day of the MS4's fiscal year. Provide the month and last day of the MS4's fiscal year.

**h) SWMP**

1. Certify, by selecting Yes, that the SWMP has been developed in accordance with the general permit requirements and is attached to this NOI.
2. Certify, by selecting Yes, that the SWMP Cover Sheet has been completed and is attached to the front of the SWMP.
3. If the MS4 was previously authorized under the general permit, the program elements in the previous SWMP must be re-assessed and modified. Additionally, new program elements must be developed. Do not submit the exact same SWMP that was previously submitted. Indicate that you have revised the previous SWMP, or that this is a newly regulated MS4.
4. Indicate if the MS4 is seeking coverage under this general permit for the optional MCM 7 for municipal construction activities where the MS4 meets the definition of "construction site operator".

If Yes, the SWMP must include the geographic area or boundary where MCM 7 will be implemented. If this area extends beyond the geographic area or boundary of the urbanized area, then all MCMs 1-7 must be implemented in the urbanized and non-urbanized areas. The MS4 operator can utilize MCM 7 only in areas that are in compliance with the SWMP's MCMs 1-7. If you do **NOT** incorporate the entire SWMP (MCMs 1-7) in the urbanized and the non-urbanized areas, then the MS4 cannot utilize only MCM 7 outside of the urbanized area.

If No, the MS4 can obtain this coverage at any time during the general permit term by submitting a Notice of Change.

5. Provide the name and contact information of the designated person responsible for implementing or coordinating implementation of the SWMP.

**i) Discharge Information**

1. Provide the name of all waterbodies that receive discharges from the MS4. The discharge eventually reaches a receiving waterbody such as a local stream or lake, possibly via a drainage ditch or even through another MS4 prior to reaching the waterbody. Please note that this general permit does not grant permission to use another MS4 as a conveyance of stormwater and certain non-storm water discharges along the discharge route.
2. Identify the classified segment number(s) that will eventually receive the

discharge. You can find classified segment numbers in the Atlas of Texas Surface Waters at: [www.tceq.texas.gov/publications/gi/gi-316](http://www.tceq.texas.gov/publications/gi/gi-316) or the Surface Water Quality (Segments) Viewer at:

<https://www.tceq.texas.gov/gis/segments-viewer>

Indicate if the discharge is directly into the classified segment or if it reaches the classified segment after being discharged into another waterbody or MS4.

3. Indicate if any waterbodies receiving discharges are identified as impaired waters (Category 4 or 5) in the *Texas Integrated Report of Surface Water Quality*, which is available at:

[http://www.tceq.texas.gov/waterquality/assessment/305\\_303.html](http://www.tceq.texas.gov/waterquality/assessment/305_303.html).

If Yes, provide the name(s) of the impaired waterbodies and the pollutants of concern for those waterbodies. The pollutants of concern are the parameters for which the waterbody is impaired.

4. Indicate if the impaired waterbody has a TMDL and list the pollutants with a TMDL (Category 4 waterbody).
5. Indicate if the discharge is into any other MS4 entity's jurisdiction prior to reaching water in the state.

If Yes, provide the name of the MS4 operator that receives the discharge.

**6. Edwards Aquifer Rule**

Indicate if the discharge or potential discharge is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer. See maps on the TCEQ website to determine if the site is located within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer at

<https://www.tceq.texas.gov/permitting/eapp/viewer.html>.

If Yes, additional requirements may exist under the Edwards Aquifer Protection Program (30 TAC Chapter 213). For activities regulated under 30 TAC Chapter 213, any required plans must be included in the SWMP. Compliance with any Edwards Aquifer requirements is in addition to the requirements of this general permit.

**j) Public Participation**

1. Provide the name and contact information of the person responsible for publishing the public notice in the newspaper.
2. Provide the name and location of a public place where copies of the NOI, SWMP, General Permit, and permit fact sheet will be available to the public for viewing. Examples of public places include public libraries, city hall, municipal buildings, etc.
3. Provide the address for the website where the MS4's SWMP and annual report will be posted. Indicate if the MS4 does not have a website.

**Section 6. Certifications**

Failure to indicate "Yes" to ALL of the certification items may result in denial of coverage under the general permit. The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code §305.44.

## **IF YOU ARE A CORPORATION:**

The regulation that controls who may sign an application form is 30 Texas Administrative Code §305.44(a), which is provided below. According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

## **IF YOU ARE A MUNICIPALITY OR OTHER GOVERNMENT ENTITY:**

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a), which is provided below. According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statutes under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to §305.44(a) (3). The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer may be requested by the TCEQ.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the Texas Commission on Environmental Quality's Environmental Law Division at 512-239-0600.

## **30 TEXAS ADMINISTRATIVE CODE §305.44. SIGNATORIES TO APPLICATIONS**

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes

the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

## **SWMP Cover Sheet**

The SWMP cover sheet must be completed and placed on the front of the SWMP. Both the SWMP cover sheet and the SWMP must be submitted with the complete NOI.

Provide the name of the MS4 operator.

For each MCM, complete the table by entering the page number (or page number range) where each required program element can be found in the SWMP.

Note: Some program elements are only required for certain MS4 levels. The tables clearly identify these MS4 level specific requirements. If one of these program element does not apply to the MS4 level for this facility, enter NA. Additionally, MCM 7 is optional. If you selected "No" on the NOI Section 5.e.4 question, enter NA on Table 7.



**DRAFT**

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 601259450		RN 105510929

## SECTION II: Customer Information

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	07/02/2019	
<input type="checkbox"/> New Customer <input 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)			
<b>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).</b>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
Dallas County			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer: <input type="checkbox"/> Corporation <input type="checkbox"/> Individual                      Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited			
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 checked="" 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 type="checkbox"/> Other:			
15. Mailing Address:	411 Elm St., 4 <sup>th</sup> Floor		
	City	Dallas	State TX    ZIP 75202    ZIP + 4 3375
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)
( 214 ) 653-7151			( 214 ) 653-6445

## 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 type="checkbox"/> Update to Regulated Entity Information		
<b>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.)</b>		
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)		
Dallas County		

**DRAFT**

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	411 Elm St							
	City	Dallas	State	TX	ZIP	75202	ZIP + 4	3375
24. County	Dallas							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:									
26. Nearest City	Dallas				State	TX	Nearest ZIP Code		75202
27. Latitude (N) In Decimal:	32.780120			28. Longitude (W) In Decimal:	96.808685				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds				
32	46	48.4	96	48	31.3				
29. Primary SIC Code (4 digits)	9111		30. Secondary SIC Code (4 digits)			31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)		
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>									
County Government									
34. Mailing Address:	411 Elm St., 4 <sup>th</sup> Floor								
	City	Dallas	State	TX	ZIP	75202	ZIP + 4	3375	
35. E-Mail Address:	alberta.blair@dallascounty.org								
36. Telephone Number	(214) 653-7151			37. Extension or Code			38. Fax Number (if applicable)	(214) 653-6445	

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
	TXR040120			
<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:	Alberta Blair	41. Title:	Public Works Director
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(214) 653-7151		(214) 653-6445	alberta.blair@dallascounty.org

**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:	Dallas County	Job Title:	Public Works Director
Name(In Print):	Alberta Blair	Phone:	(214) 653-7151
Signature:		Date:	6/18/19

**DRAFT**

**DALLAS COUNTY, TEXAS**

**Unincorporated Urbanized Areas**

**TPDES General Permit # TXR040000  
2019 through 2024**



**Storm Water Management Program (SWMP)  
Five (5) Year Comprehensive Plan**

**July 2, 2019**

**Dallas County TPDES Management Program**



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- 1. Commissioners Court Order No. 2019-xxxx dated July 2, 2019.....27

Note:

Detailed information about the Texas Commission on Environmental Quality (TCEQ) storm water permit rule, executive decision, and fact sheets are available at the TCEQ website, [www.tceq.state.tx.us](http://www.tceq.state.tx.us), and at the Dallas County Public Works Department offices.

## **Section I – Overview, Definitions, and Acronyms**

### **I.1. Storm Water Rule Overview**

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

The Storm Water Phase 2 Final Rule (promulgated December 8, 1999) was the next step in the EPA’s efforts to protect the nation’s water resources from polluted storm water runoff and dry weather discharges into storm drain / sewer systems. The Phase 2 program requires local governments to implement programs and practices to control water pollution to the “Maximum Extent Practicable” (MEP) in urbanized areas of small MS4’s (population less than 100,000).

The program requires Phase 2 local governments to obtain a permit that includes “Minimum Control Measures” (MCM’s) that must be implemented for coverage. The six (6) MCM’s include: public education and outreach, public involvement / participation, illicit discharge detection and elimination, construction site storm water runoff control, post-construction storm water management in new development and redevelopment, and pollution prevention / good housekeeping for municipal operations. There are significant penalties for non-compliance with federal permit provisions.

The Texas Commission on Environmental Quality (TCEQ) was authorized by the EPA to issue and enforce the Texas Pollutant Discharge Elimination System (TPDES) Phase 1 and 2 Storm Water permits in lieu of the federal NPDES permits. Effective 08/13/2007 TCEQ Commissioners approved the TPDES General permit to authorize the discharge of storm water from regulated Phase 2 MS4’s.

The application must include a Notice of Intent (NOI) for coverage and a Storm Water Management Program (SWMP). The NOI is a document that provides the TCEQ with an official notification to seek permit coverage and identifies legally responsible parties for permit enforcement. The SWMP describes what actions are to be implemented by the permittee to address the required elements of a storm water program. The SWMP describes in detail which Best Management Practices (BMP’s) will be utilized through implementation of the Minimum Control Measures (MCM’s) to meet permit requirements. The current permit term covers a five (5) year period from January 24 , 2019 to January 24, 2024. The permit will be renewed at five (5) year intervals which may require changes to the SWMP for future permit approvals.

## **I.2. Definitions**

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

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

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

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.

Hyper-chlorinated Water- Water resulting from hyper chlorination of waterlines or vessels, with 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 composed entirely of storm water except discharges pursuant to this general permit or a separate authorization and discharges resulting from emergency firefighting 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 of CWA sections 305(b) and 303(d)* which lists the category 4 and 5 waterbodies.

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).

Maximum Extent Practicable (MEP)-The technology-based discharge standard for municipal separate storm sewer system (MS4s) to reduce pollutants in stormwater 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 or 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, district, association, or other public body (created 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 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; and (e) Which was not previously authorized under a NPDES or TPDES individual permit as a medium or large MS4, as defined at 40 CFR §§ 122.26(b)(4) and (b)(7).

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 MS4's include counties, transportation authorities (including the Texas Department of Transportation), municipal utility districts, drainage districts, military bases, prisons, and universities.

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 sewer system, 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.

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, man-made 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, 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 the CWA §208: (b) Designed or used for collecting or conveying stormwater; (c) Which is not a combined sewer; and (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 Texas Pollution 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 hospital or prison complexes, and highways and other thoroughfares. This term does not include separate storm sewers in very discreet areas, such as individual buildings. For the purpose of this permit, a very discreet system also includes storm drains associated with certain municipal office 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 Management Program (SWMP)-a comprehensive program to manage the quality of discharges from the municipal separate storm sewer system.

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 water-courses and bodies of surface water, that are wholly or partially inside or bordering the state or subject to the jurisdiction of the state; except that waters in treatment systems which are authorized by state or federal law, regulation, or permit, and which are created for the purpose of waste treatment are not considered to be water in the state.

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

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

Unincorporated Urbanized Area (UUA)- An urbanized area within the unincorporated territory of Dallas County.

Waters of the U.S.-(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 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 CWA jurisdiction remains with EPA.

### **I.3. Acronyms**

BMP's - Best Management Practices

CSN – Construction Site Notice

CWA - Clean Water Act

DCFM – Dallas County Fire Marshal

DCHHS – Dallas County Health and Human Services

DCPW – Dallas County Public Works

DCP&D - Dallas County Planning and Development

DCR&B – Dallas County Road and Bridge Districts

EHD - Environmental Health Division

EPA – Environmental Protection Agency

ETJ – Extra Territorial Jurisdiction

FEMA - Federal Emergency Management Agency

GIS – Geographic Information System

HAZ MAT – Hazardous Materials, Substance, and / or Waste, etc.

IP - Implementation Plan

iSWM – integrated Storm Water Management

MCM – Minimum Control Measures

MEP - Maximum Extent Practicable

MPO – Metropolitan Planning Organization

MS4 – Municipal Separate Storm Sewer System

NCTCOG – North Central Texas Council of Governments

NFIP –National Flood Insurance Program

NOI – Notice of Intent

OSSF – On Site Sewage Facilities

POTW - Publicly Owned Treatment Works

RDI – Regionally Developed Initiative

SWMP – Storm Water Management Program

SW3P or SWPPP – Storm Water Pollution Prevention Plan

TCEQ – Texas Commission on Environmental Quality

TMDL – Total Maximum Daily Load

TPDES - Texas Pollutant Discharge Elimination System

TRC CDC – Trinity River Corridor Corridor Development Certificate

UA- Urbanized Area

UUA – Unincorporated Urbanized Area

USACE – U.S. Army Corps of Engineers

UTRFS - Upper Trinity River Feasibility Study

## **Section II – Permit Applicability and Coverage**

### **II.1. Dallas County as a Category of Regulated MS-4**

Dallas County falls in the Level 2 category based on Small MS-4 - General Permit requirements. The definition in TPDES General Permit TXR040000 is as follows: “Level 2 are operators of traditional small MS-4 that serve a population of at least 10,000 but less than 40,000 within an UA. This category also includes all non-traditional small MS-4s 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 MS-4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served”.

### **II.2. Urbanized Area**

The TPDES permit requirements apply only to the portions of the Unincorporated Dallas County that are identified as Urbanized Areas (UUA’s for Unincorporated Urbanized Areas). There are approximately fifty eight (58) small non-contiguous Urbanized Areas in the Unincorporated Dallas County. The areas identified were based upon data in the 2010 U.S. Census Map. The map may be viewed at the [Dallas County Public Works Stormwater Management Website](#).

The Dallas County SWMP addresses permit required BMP’s only in the Unincorporated Urbanized Area portions of the County; however, certain elements of the SWMP may be implemented by the permittee within the entire Unincorporated Area. One example is Public Education and Outreach which may be implemented County-wide within the Unincorporated Area, such as social media broadcasts or websites associated with the North Central Texas Council of Governments (NCTCOG).

### **II.3. Regulatory Mechanism Restrictions on Texas Counties**

The State of Texas is somewhat unique in the U.S. regarding the restrictions it places upon Counties. Basically, the Texas Constitution and State statutes do not grant Texas Counties the ability to create and enforce ordinances such as the ones Cities (Home Rule) are allowed to create in order to meet the TPDES permit requirements. To address this restriction, TCEQ rules contain text stating enactment or enforcement will be 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. Dallas County has addressed the various elements in the General permit SWMP requirements by incorporating TDDES requirements into the Dallas County Subdivision Regulations Sections I and J.

## Section III – Storm Water Management Program (SWMP)

### Overview of Dallas County's SWMP

To the extent allowable under state and local law (see II.3 aforementioned), Dallas County's SWMP was developed and will be implemented according to requirements of Part III of the TPDES General permit TXR040000. The January 24, 2019 TXR040000 replaces the previous TXR040000 issued December 13, 2013, for discharges of storm water to surface water in the State. This SWMP was developed to prevent pollution in storm water drainage systems to the Maximum Extent Practicable. During the five (5) year permit term Best Management Practices (BMP's) will be phased in that meet or exceed Minimum Control Measures (MCM's).

The TXR04000 SWMP addresses Minimum Control Measures (MCM's) required by TCEQ. The MCM's are:

1. Public Education and Outreach
2. Illicit Discharge Detection and Elimination (IDDE)
3. Construction Site Stormwater Runoff Control
4. Post-Construction Stormwater Mangement in New Development and Redevelopment
5. Pollution Prevention and Good Housekeeping for Municipal Operations
6. Industrial Stormwater Sources (Not Applicable – only for level 3 & 4 MS4's)
7. Authorization for Construction Activities where the MS-4 is the Site Operator (Not Applicable)

MCM's will be implemented in the Unincorporated Urbanized Areas (UUA's) of Dallas County and may be voluntarily implemented in other Unincorporated Areas if warranted by special conditions such as participation in Regionally Developed Initiatives (RDI's). MCM's will be evaluated based upon accomplishment of each MCM's BMP activities.

The Dallas County storm water staff from two (2) departments shall monitor current and future MCM activities and are identified in each section. Those departments are the Environmental Health Division (EHD) of the Dallas County Health and Human Services (DCHHS), and Dallas County Public Works (DCPW). EHD monitors MCM #2 - Illicit Discharge Detection and Elimination (IDDE) such as surveillance of the following Identified Illicit Discharges in the Unincorporated Areas:

1. Improper sewage disposable (domestic / industrial)
2. Illegal solid waste disposal (commercial / non-commercial)
3. Liquid waste disposal (commercial / non-commercial)
4. Hazardous material disposal (commercial)
5. Biological waste

The above referenced IDDE help reduce the Total Maximum Daily Load (TMDL) in the impaired water bodies in Dallas County.

Dallas County Public Works Department (DCPW) monitors MCM #1, 3, 4 and 5 being Public Education and Outreach, Construction Site Storm Water Runoff Control, Post-Construction Storm Water Management in New Development and Redevelopment, and Pollution Prevention / Good Housekeeping for Municipal Operations, respectively. Dallas County Road and Bridge Districts forces (DCR&B) are also involved in complying with MCM's #3, 4, and 5 and achieve the goals of Best Management Practices in meeting MCM #5 - Pollution Prevention / Good Housekeeping for Municipal Operations.

Dallas County will not incorporate MCM #6 as it is applicable to Level 3 & 4 Categories of Regulated small MS-4. In addition, Dallas County is not a Site Operator for Construction Activities as all the County facilities fall under cities that have either a Phase I or Phase 2 permit and therefore are covered under the respective city permit for optional MCM #7. Since MCM #7 is optional, and Dallas County has limited authority, Dallas County has elected not to incorporate that minimum control measure.

The Dallas County Planning and Development (DCP&D) staff focuses on County-wide programs for household hazardous waste and the collection of home chemicals thereby making a significant contribution on MCM # 1, 2, and 3, Public Education and Outreach, Public Involvement / Participation, and Illicit Discharge Detection and Elimination (IDDE), respectively. The Dallas County Fire Marshal's (DCFM) primary concerns are Life Safety specializing in the stabilization of Hazardous Materials, and is also in a supporting role on aforementioned related activities.

Environmental Health Division (EHD) contact or future replacement:

Rudy Phillips, R.S., Assistant Director  
Environmental Health Services  
Dallas County Health and Human Services  
2377 N. Stemmons Freeway, Suite 609  
Dallas, Texas 75207  
Tele: 214-819-2113  
Fax: 214-819-2868  
Email: [Rudy.Phillips@dallascounty.org](mailto:Rudy.Phillips@dallascounty.org)

Dallas County Public Works (DCPW) contact or future replacement:

Alberta Blair, P.E., Public Works Director  
Dallas County Public Works Department  
411 Elm Street, 4th Floor  
Dallas, Texas 75202  
Tel: 214-653-7151  
Fax: 214-653-6445  
Email: [Alberta.Blair@dallascounty.org](mailto:Alberta.Blair@dallascounty.org)

**Legal Authority (Contrasts with Cities)**

Unlike Cities, Counties are not authorized by the State of Texas Constitution or State Statutes to enact the ordinances and implement all of the regulatory requirements that Phase 2 (small MS4) requires. Dallas County implements BMP's "to the extent allowable under state and local law" in the appropriate MCM sections. Dallas County has incorporated TDPEs requirements into the Dallas County Subdivision Regulations.

**Ditch Drainage System (Contrast with Cities)**

Unlike Cities, Dallas County's storm drainage / sewer system is not a traditional underground enclosed storm sewer system (i.e. curb inlets, underground pipes, and outfall discharges from pipes). Instead, Dallas County's storm drainage system is mostly comprised of roadway unlined (pervious) ditches.

**Large Area and Long Distances between Non-Contiguous Urbanized Areas (Contrast with Cities)**

Unlike Cities, Dallas County has approximately fifty eight (58) small non-contiguous Unincorporated Urbanized Areas (UUA's). They constitute approximately six (7.5) square miles of the seventy-eight (78) square miles of the County Unincorporated Areas (about 10% of the total area). Long travel distances, often exceeding those found in Large MS4 Cities will be required by Small MS4 County staff to implement daily activities associated with this program. This extra challenge is another element to consider when comparing the SWMP's of Counties to Cities in the area.

**Annexation and De-annexation (Contrast with Cities)**

Unlike Cities, Counties will be losing land areas when City annexation occurs. Dallas County will only add Urbanized Areas when population densities increase within the existing Unincorporated Areas, as designated by the U.S. Census Bureau on a ten (10) year cycle (i.e. next one is 2020), or when Cities de-annex land.

**Participants in developing / implementing Dallas County's SWMP**

Dallas County's SWMP was developed by County staff with extensive years of related storm water experience. Responsibilities for implementing the SWMP are primarily divided between the Environmental Health Division (EHD) of the Dallas County Health and Human Services (DCHHS), and the Dallas County Public Works Department (DCPW). Each MCM contains the respective County Department primarily responsible for that specific MCM.

**Rationale Statement for Dallas County's SWMP**

During the development of Dallas County's SWMP, County staff considered BMP's that would protect water quality, comply with General Permit TXR040000, meet the

Maximum Extent Practicable (MEP), and ensure program costs that would not create undue hardship on County residents and businesses. Established Phase 2 storm water programs from other MS4 operators were reviewed and evaluated.

Regionally Developed Initiatives (RDI's) regarding BMP's from the U.S. EPA NPDES National Menu of Stormwater Best Management Practices were also reviewed and evaluated. A variety of BMP's for each MCM were considered and compared. BMP's were ultimately selected based on an evaluation of overall effectiveness, affordability, and suitability of the MS4 system for the Dallas County Unincorporated Areas. The program will allow continual adjustment and refinement through County implementation, "hands on" experience, and feedback from various sectors of the Unincorporated Area population.

Dallas County has also benefited from maintaining an effective partnership with the NCTCOG, the local Metropolitan Planning Organization (MPO), and an established and recognized leader in creating Regional Developed Initiatives (RDI's) in storm water management.

### **Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements**

The original TXR40000 Permit had only 23 UUAs. That number has since increased to 58. Due to the ever-changing environmental landscape affected by municipal annexations and/or localized exercises of ETJ management, controls and responsibilities, the areas administered the County has changed accordingly. Today several impaired water bodies in Dallas County unincorporated urbanized areas are in the watershed of an approved TMDL drainage area. Dallas County staff will work to implement the region wide "Implementation Plan for the Seventeen Total Maximum Daily Loads for Bacteria in the Greater Trinity River Region" prepared by the Environment and Development Department of the North Central Texas Council of Governments in 2013.

An Implementation Plan ("IP"), which includes the action items necessary to identify and address a strategic path to address TMDLs has been established as follows:

- A target map using GIS data will show the impaired water bodies according to the latest Texas 303(d) list. The water bodies will be overlaid with drainage basins and UUA's to help users identify affected areas.
- County staff and/or consultants will embark on physical visits to the identified areas of concern (1) to determine the existing uses, i.e. developments relating to residential, agricultural and/or industrial uses, and (2) the impact of storm water run-off from such developments to impaired water bodies.
- County will collaborate, and engage in partnering opportunities, with other MS-4 stakeholders with the primary goal of establishing cooperative plans of action which determine benchmarks to address the adverse impacts on the impaired water body.

**Section III. MCM 1 - Public Education, Outreach and Involvement**

Dallas County will expand upon its current efforts to ensure that the public within the Unincorporated Urbanized Areas is informed about the impacts that storm water runoff can have on water quality, the hazards associated with illegal discharges, and improper disposal of waste. This will be accomplished by providing informational materials in multiple formats and media from various sources including Dallas County, the Dallas County branch of the Texas AgriLife Extension, North Central Texas Council of Governments (NCTCOG), and other resources may be used to further develop and distribute public education and outreach material. If practical, Dallas County will work with NCTCOG and other local governments to develop suitable community materials for social media posting and/or distribution at Dallas County facilities. The community to be addressed will consist of residents, Dallas County employees, businesses, commercial/industrial facilities, and construction site personnel in the Unincorporated Urbanized Areas of Dallas County.

**1(a) – Dallas County Websites**

Post storm water information on the County Environmental Health Departmental website,  
[www.dallascounty.org/department/hhservices/services/environmental/env\\_services.html](http://www.dallascounty.org/department/hhservices/services/environmental/env_services.html)

Household Hazard Waste collection information on the Planning and Development Departmental website,

[http://www.dallascounty.org/department/plandev/hhw\\_intro.htm](http://www.dallascounty.org/department/plandev/hhw_intro.htm)

and other storm water information on the Public Works Departmental website,

<https://www.dallascounty.org/departments/pubworks/ms4-swmp.php>

Dallas County will also provide links to the TCEQ, EPA, and NCTCOG storm water websites.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Update links and educational literature which can be viewed at DCPW SWM website.	Annually verify availability of information on website.	December 31, 2019
Two	Update links and educational literature which can be viewed at DCPW SWM website.	Annually verify availability of information on website.	December 31, 2020
Three	Update links and educational literature which can be viewed at DCPW SWM website.	Annually verify availability of information on website.	December 31, 2021
Four	Update links and	Annually verify	December 31, 2022

	educational literature which can be viewed at DCPW SWM website.	availability of information on website.	
Five	Update links and educational literature which can be viewed at DCPW SWM website.	Annually verify availability of information on website.	December 31, 2023

**1(b) – March is Texas SmartScape Month**

This is a coordinated annual activity of local governments jointly conducting public education and awareness events to promote less pesticide and fertilizer use associated with landscapes. Additionally, this NCTCOG RDI promotes water conservation which produces less runoff and thereby reduces pollution of waterways. Dallas County will participate in this annual event via the Dallas County website by providing a link to the Texas SmartScape website, [www.txsmartscape.com](http://www.txsmartscape.com) that is currently maintained by the NCTCOG.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	At least one (1) website posting or newspaper article will be published to support “March is Texas SmartScape Month”..	Annually verify availability of information on website.	February 20, 2019
Two	At least one (1) website posting or newspaper article will be published to support “March is Texas SmartScape Month”..	Annually verify availability of information on website.	February 20, 2020
Three	At least one (1) website posting or newspaper article will be published to support “March is Texas SmartScape Month”..	Annually verify availability of information on website.	February 20, 2021
Four	At least one (1) website posting or newspaper article will be published to support “March is Texas SmartScape Month”..	Annually verify availability of information on website.	February 20, 2022
Five	At least one (1) website posting or newspaper article will be published to support “March is Texas SmartScape Month”..	Annually verify availability of information on website.	February 20, 2023

**1(c) – Water Wise Earth Kind™ Demonstration Garden**

With assistance from the Dallas County AgriLife Extension, a parking lot at the Dallas County District 1 Offices was transformed into a Water Wise Earth Kind™ demonstration garden in Dallas County. The garden features drought resistant vegetation that rarely needs any fertilizer or pesticides. Public tours of this garden are arranged by

the Master Gardener office of the Dallas County AgriLife Extension.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Support development of Demonstration Gardens	Participate in one Demonstration Garden Tour and update website	December 31, 2019
Two	Support development of Demonstration Gardens	Participate in one Demonstration Garden Tour and update website	December 31, 2020
Three	Support development of Demonstration Gardens	Participate in one Demonstration Garden Tour and update website	December 31, 2021
Four	Support development of Demonstration Gardens	Participate in one Demonstration Garden Tour and update website	December 31, 2022
Five	Support development of Demonstration Gardens	Participate in one Demonstration Garden Tour and update website	December 31, 2023

**1(d) – Texas AgriLife Extension**

The Texas AgriLife Extension conducts a variety of environmental educational activities (speeches, TV shows, radio programs and newspaper stories, training, etc.) in Dallas County. Storm water staff will coordinate with the Dallas County AgriLife Extension staff (which will include the volunteer group Dallas County Master Gardeners and Dallas County Master Naturalists) to report any annual educational activities that are storm water related in Dallas County. The AgriLife Extension staff coordinates with many other volunteer groups (i.e. 4-H groups) and will be a good resource to reach the community.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Coordinate with AgriLife Director Annually	Record AgriLife Director’s Report	December 31, 2019
Two	Coordinate with AgriLife Director Annually	Record AgriLife Director’s Report	December 31, 2020
Three	Coordinate with AgriLife Director Annually	Record AgriLife Director’s Report	December 31, 2021
Four	Coordinate with AgriLife Director Annually	Record AgriLife Director’s Report	December 31, 2022
Five	Coordinate with AgriLife Director Annually	Record AgriLife Director’s Report	December 31, 2023

**1(e) – NCTCOG Participation**

Participate in the NCTCOG’s Storm Water Education Task Force and the Regional Storm Water Management Coordinating Council, in order to develop storm water educational materials which can be used by MS4s in the North Central Texas region. Any materials developed by the Taskforce or Council will be reviewed by Dallas County staff and may be selected for use during appropriate times during the permit term. See (a) Educational Materials and Distribution.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Participate in NCTCOG	Document participation in	December 31, 2019

	Storm Water groups.	NCTCOG Storm Water groups.	
Two	Participate in NCTCOG Storm Water groups.	Document participation in NCTCOG Storm Water groups.	December 31, 2020
Three	Participate in NCTCOG Storm Water groups.	Document participation in NCTCOG Storm Water groups.	December 31, 2021
Four	Participate in NCTCOG Storm Water groups.	Document participation in NCTCOG Storm Water groups.	December 31, 2022
Five	Participate in NCTCOG Storm Water groups.	Document participation in NCTCOG Storm Water groups.	December 31, 2023

**1(f) – Trinity River Common Vision Program**

Since 1990 Dallas County has participated regionally on the “Trinity River Common Vision” Program which includes continued work on the Upper Trinity River Feasibility Study (UTRFS) and Common Vision activities. Program elements include integration of the digital ortho-photography and topography, partnership with the U.S. Army Corps of Engineers (USACE), and sponsorship of Federal Emergency Management Agency’s (FEMA) National Flood Insurance Program (NFIP) training. Public education and outreach are achieved regionally by utilizing the NCTCOG website for informational support and access to detailed maps. Coordination meetings with Program updates including roundtable discussions for the multiple municipalities, counties, and governmental agencies are facilitated by the NCTCOG quarterly. Dallas County’s annual participation costs are approximately \$5,000.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Participate in Trinity River Common Vision Program	Document participation for Annual Report	December 31, 2019
Two	Participate in Trinity River Common Vision Program	Document participation for Annual Report	December 31, 2020
Three	Participate in Trinity River Common Vision Program	Document participation for Annual Report	December 31, 2021
Four	Participate in Trinity River Common Vision Program	Document participation for Annual Report	December 31, 2022
Five	Participate in Trinity River Common Vision Program	Document participation for Annual Report	December 31, 2023

**1(g) – Education for Homeowners / Proper Disposal of Household Hazardous Wastes: Home Chemical Collection Center (HC3)**

The Dallas County Home Chemical Collection Center (HC3) has been in full operation in its present facility since 2002. The property was initially provided by Dallas County and is funded by various municipalities, programs, and grants. This County facility is available year round for residents of the Unincorporated Urbanized Areas (UUA’s) for disposal and collection of hazardous household chemicals, fluids, supplies, products, fluorescent light tubes, batteries, computers, cellular phones, etc. Additionally, there is a mobile collection event in the City of Dallas / South Dallas County at least once a year.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Maintain HC3 Collection Centers	Report collected materials in Annual Report	December 31, 2019
Two	Maintain HC3 Collection Centers	Report collected materials in Annual Report	December 31, 2020
Three	Maintain HC3 Collection Centers	Report collected materials in Annual Report	December 31, 2021
Four	Maintain HC3 Collection Centers	Report collected materials in Annual Report	December 31, 2022
Five	Maintain HC3 Collection Centers	Report collected materials in Annual Report	December 31, 2023

**1(h) – Pet Waste ( TMDL)**

Dallas County Environmental Health Department website and the Dallas County Public Works Website will include information on proper methods of Pet Waste Disposal.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Include Pet Waste info on County Website	Annual verify availability online	December 31, 2019
Two	Include Pet Waste info on County Website	Annual verify availability online	December 31, 2020
Three	Include Pet Waste info on County Website	Annual verify availability online	December 31, 2021
Four	Include Pet Waste info on County Website	Annual verify availability online	December 31, 2022
Five	Include Pet Waste info on County Website	Annual verify availability online	December 31, 2023

**1(i) – Targeted Bacteria Pollutant Reduction( TMDL)**

Dallas County Environmental Health Department conducts an educational campaign to educate employees and citizens in the reduction and abatement of targeted bacteria, E-coli, in the major rivers and tributaries within the urbanized unincorporated area of Dallas County. Staff provides online educational materials explaining the negative effects of E-coli in the waterways.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Include E-coli info in online materials	Annually verify online availability	December 31, 2019
Two	Include E-coli info in online materials	Annually verify online availability	December 31, 2020
Three	Include E-coli info in online materials	Annually verify online availability	December 31, 2021
Four	Include E-coli info in online materials	Annually verify online availability	December 31, 2022
Five	Include E-coli info in online materials	Annually verify online availability	December 31, 2023

**1(j) – Public Notice for Meetings**

Both Dallas County Commissioner’s Court and NCTCOG meetings are subject to state/local public notice requirements, which meet TCEQ minimum requirements for public involvement/participation. A briefing and court order will be officially published by the County regarding the Dallas County TXR040000.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Comply with public notice requirements	Report public meeting participation in Annual Report	December 31, 2019
Two	Comply with public notice requirements	Report public meeting participation in Annual Report	December 31, 2020
Three	Comply with public notice requirements	Report public meeting participation in Annual Report	December 31, 2021
Four	Comply with public notice requirements	Report public meeting participation in Annual Report	December 31, 2022
Five	Comply with public notice requirements	Report public meeting participation in Annual Report	December 31, 2023

**1(k) – Posting SWMP on Website**

After internal review by Dallas County Officials and approval by the Commissioners Court, staff will post the SWMP and annual report that gives the details of TXR040000 on the County’s website. The general public can ask questions or post comments via email through the link provided on website.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Comply with public notice requirements	Publish Storm Water Management Plan online	December 31, 2019
Two	Comply with public notice requirements	Publish Storm Water Management Plan online	December 31, 2020
Three	Comply with public notice requirements	Publish Storm Water Management Plan online	December 31, 2021
Four	Comply with public notice requirements	Publish Storm Water Management Plan online	December 31, 2022
Five	Comply with public notice requirements	Publish Storm Water Management Plan online	December 31, 2023

**Section III. MCM 2 - Illicit Discharge Detection and Elimination (IDDE)**

The Environmental Health Division (EHD) of the Dallas County Health and Human Services (DCHHS) will implement surveillance and enforcement activities to develop an illicit discharge program, in accordance to State law, in the Unincorporated Areas of Dallas County. Illicit discharges that Dallas County cannot enforce will be referred to the TCEQ Region 4 Office in Fort Worth, Texas. Improper disposal of sewage from malfunctioning On-Site Sewage Facilities (i.e. OSSF’s, septic systems, aerobic systems, etc.) are subject to County corrective actions and enforcement, as necessary.

**2(a) – Detection: Monitoring Drainage System**

Outfalls and/or other locations within drainage ditch systems in the Unincorporated Areas of Dallas County are visually monitored for indications of illicit discharges or water pollution. To confirm the presence of an illicit discharge, chemical and toxicity tests are performed if deemed necessary by the appropriate staff.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Visually monitor County roads on a quarterly basis	Document quarterly reports.	December 31, 2019
Two	Visually monitor County roads on a quarterly basis	Document quarterly reports.	December 31, 2020
Three	Visually monitor County roads on a quarterly basis	Document quarterly reports.	December 31, 2021
Four	Visually monitor County roads on a quarterly basis	Document quarterly reports.	December 31, 2022
Five	Visually monitor County roads on a quarterly basis	Document quarterly reports.	December 31, 2023

**2(b) – Detection & Correction: Citizen Reports and County Staff Surveillance**

Citizen reporting of apparent illicit discharges in the Unincorporated Areas of Dallas County is another reasonable means of detection. Illicit discharges are also identified by County staff performing various duties, such as Dallas County Road & Bridge District road maintenance crews, Sheriff’s Department, and vector control staff. In the Unincorporated Urbanized Areas of Dallas County, County staff will investigate citizen reports and County staff discovered illicit discharges within two (2) weeks, excluding any repeated, unsubstantiated illicit discharge reports at a specific site. County storm water staff contact phone numbers will be published on the County website. Voluntary compliance, as well as civil and criminal enforcement will be provided. TCEQ’s Regional Field Office shall be notified if Dallas County is unable to enforce under State law.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Investigate reported IDDE	Respond to 100% of discharge complaints	December 31, 2019
Two	Investigate reported IDDE	Respond to 100% of discharge complaints	December 31, 2020
Three	Investigate reported IDDE	Respond to 100% of discharge complaints	December 31, 2021
Four	Investigate reported IDDE	Respond to 100% of	December 31, 2022

		discharge complaints	
Five	Investigate reported IDDE	Respond to 100% of discharge complaints	December 31, 2023

**2(c) – Correction: On Site Sewage Facilities: (OSSF, TMDL)**

The Environmental Health Division staff of Dallas County Health and Human Services will maintain records of actions taken regarding malfunctioning On-Site Sewage Facilities in the Unincorporated Areas of Dallas County. Dallas County is an Authorized Agent of the State (TCEQ) to enforce rules regarding the installation and operation of On Site Sewage Facilities (OSSF).

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Monitor installation and operation OSSF's	Track installations and malfunctioning OSSF's.	December 31, 2019
Two	Monitor installation and operation OSSF's	Track installations and malfunctioning OSSF's.	December 31, 2020
Three	Monitor installation and operation OSSF's	Track installations and malfunctioning OSSF's.	December 31, 2021
Four	Monitor installation and operation OSSF's	Track installations and malfunctioning OSSF's.	December 31, 2022
Five	Monitor installation and operation OSSF's	Track installations and malfunctioning OSSF's.	December 31, 2023

**2(d) – Detection & Correction: Illegal Dumping Team**

A combination of Officers from the Dallas County Department of Unincorporated Area Services Abatement Division and the Fire Marshal's office investigate illegal dumping in the Unincorporated Areas of Dallas County. These officers are part of the storm water staff and report annual activities (number of illegal dumping cases, cases investigated, violations identified or not, cleanups, and enforcement actions, etc.) that occur in the County storm water drainage systems.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Investigate discovered instances of illegal dumping	Track instances of illegal dumping	December 31, 2019
Two	Investigate discovered instances of illegal dumping	Track instances of illegal dumping	December 31, 2020
Three	Investigate discovered instances of illegal dumping	Track instances of illegal dumping	December 31, 2021
Four	Investigate discovered instances of illegal dumping	Track instances of illegal dumping	December 31, 2022
Five	Investigate discovered instances of illegal dumping	Track instances of illegal dumping	December 31, 2023

**2(e) – Detection and Correction: NCTCOG Illegal Dumping Hotline**

Dallas County will continue current activities with the North Central Texas Council of Governments to provide the residents of the Unincorporated Areas of Dallas County the opportunity to report illegal dumping to the regional Stop Illegal Dumping Hotline, 1-888-335-DUMP. Dallas County will continue to publicize the number on the website and follow-up on reports from this hotline. An alternate means of reporting will be developed and implemented by Dallas County if the existing hotline is discontinued.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Investigate reported instances of illegal dumping	Track reported instances of illegal dumping	December 31, 2019
Two	Investigate reported instances of illegal dumping	Track reported instances of illegal dumping	December 31, 2020
Three	Investigate reported instances of illegal dumping	Track reported instances of illegal dumping	December 31, 2021
Four	Investigate reported instances of illegal dumping	Track reported instances of illegal dumping	December 31, 2022
Five	Investigate reported instances of illegal dumping	Track reported instances of illegal dumping	December 31, 2023

**2(f) – Detection: Storm Drainage Map**

Dallas County will prepare a storm sewer map of the Unincorporated Urbanized Areas locating outfalls contained in those areas that discharge directly into waters of the State. The County will use the best available resources such as EPA Urbanized Areas maps, NCTCOG developed land maps, TCEQ website, 7.5 minute USGS Quadrant topographic maps, private vendor maps, Atlas of Texas Surface Waters, or other resources in map preparation. This Storm Drainage Map will also contain existing street names, outfall locations, culverts, bridges, and other features that will be useful in identifying illicit discharges. Dallas County will update this map as land development occurs and during permit renewal.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	N/A	N/A	N/A
Two	Find outfalls in District 3	Update Storm Drainage Map for District 3	December 31, 2020
Three	Find outfalls in District 2	Update Storm Drainage Map for District 2	December 31, 2021
Four	Find outfalls in District 4	Update Storm Drainage Map for District 4	December 31, 2022
Five	Find outfalls in District 1	Update Storm Drainage Map for District 1	December 31, 2023

**Section III. MCM 3 - Construction Site Storm Water Runoff Control**

Dallas County’s Systems-In-Place consisting of adopted Commissioners Court Orders, state regulations, County policy, and engineering / construction plan requirements presently provides Storm Water Phase 2 and MS4 compliance in the County Unincorporated Urbanized Areas (UUA’s). Construction BMP’s are utilized in the UUA’s when at least one (1) acre or more of land is disturbed during construction. Said Systems-In-Place include the proper implementation of Erosion (and sediment) Control Plan, Storm Water Pollution Prevention Plan (SW3P), controlling construction site waste, and procedures for receiving and considering information submitted by the public.

Dallas County participates regionally in and coordinates with the NCTCOG on municipal storm water issues through the Regional Storm Water Management Program. Program includes cooperative initiatives that are regional and development of the annual regional storm water work program. Construction Site Storm Water Runoff Control is achieved regionally by utilizing the NCTCOG website for informational support and access to Best Management Practices (BMP’s). Coordination meetings with Program updates including watershed roundtable discussions for the multiple municipalities, counties, and governmental agencies are facilitated by the NCTCOG quarterly.

**3(a) – Regional Participation: iSWM Design Manual for Construction**

Dallas County participates regionally in and coordinates with the NCTCOG, in creating the integrated Storm Water Management (iSWM) regional resource guides for the development of comprehensive storm water management systems. The integrated Storm Water Management program is based on addressing the quality of storm water runoff in conjunction with traditional storm water quantity methods while minimizing and mitigating the downstream impacts from increased flows due to land development upstream. Construction Site Storm Water Runoff Control is achieved regionally by utilizing the NCTCOG website for informational support and access to the key elements which include drafting the iSWM Resource Guides, Design Manual for Site Development, and Design Manual for Construction. Coordination meetings with Program updates including iSWM training for multiple municipalities, counties, and governmental agencies are facilitated by the NCTCOG.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Support the Regional Participation Program	Record Participation for Annual Reporting	December 31, 2019
Two	Support the Regional Participation Program	Record Participation for Annual Reporting	December 31, 2020
Three	Support the Regional Participation Program	Record Participation for Annual Reporting	December 31, 2021
Four	Support the Regional Participation Program	Record Participation for Annual Reporting	December 31, 2022
Five	Support the Regional Participation Program	Record Participation for Annual Reporting	December 31, 2023

**3(b) – Tracking: NOI / CSN File for Construction**

Since the TCEQ requires NOI’s and CSN’s from the construction site operators to be submitted directly to the MS4’s, Dallas County will establish a NOI / CSN File for compliance reference prior to commencing construction MCM activities. Said file will be separated into two (2) subsections: Urbanized Area NOI’s / CSN’s and Non-Urbanized Area NOI’s / CSN’s for the County Unincorporated Areas. Urbanized Areas will be determined utilizing the TCEQ website link to EPA described in Section II.2 for Urbanized Areas. Small construction sites are not required to submit NOI’s to the TCEQ; however, they are required to submit CSN’s to their respective MS4.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	Maintain records for NOI’S and CSN’s	Include Records for UUA sites for Annual Report	December 31, 2019
Two	Maintain records for NOI’S and CSN’s	Include Records for UUA sites for Annual Report	December 31, 2020
Three	Maintain records for NOI’S and CSN’s	Include Records for UUA sites for Annual Report	December 31, 2021
Four	Maintain records for NOI’S and CSN’s	Include Records for UUA sites for Annual Report	December 31, 2022
Five	Maintain records for NOI’S and CSN’s	Include Records for UUA sites for Annual Report	December 31, 2023

**3(c) – Training for New Employees**

The training program will consist of videos and educational materials developed by NCTCOG, County Staff, or other private providers. Staff will train employees about pollution prevention techniques, illicit discharges, illicit connection, and good housekeeping practices.

<i><b>Permit Year</b></i>	<i><b>BMP</b></i>	<i><b>Measurable Goals</b></i>	<i><b>Deadline/Frequency</b></i>
One	N/A	N/A	N/A
Two	Train New Employees	Perform at least one Training Class	December 31, 2020
Three	Train New Employees	Perform at least one Training Class	December 31, 2021
Four	Train New Employees	Perform at least one Training Class	December 31, 2022
Five	Train New Employees	Perform at least one Training Class	December 31, 2023

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

The intent of this MCM is to lessen storm water quality impacts after construction has been completed on new and redeveloped sites of one (1) acre or greater of disturbed earth. Dallas County’s Systems-In-Place consisting of adopted Commissioners Court Orders, state regulations, County policy, and engineering / construction plan requirements presently provides Storm Water Phase 2 and MS4 compliance in the County

Unincorporated Urbanized Areas (UUA's).

“To the extent allowable under state and local law”, Dallas County will develop and implement a Post-Construction MCM for the County Unincorporated Urbanized Areas. Like most Texas Counties, under this MCM Dallas County presently allows the use of unlined or pervious drainage ditches in lieu of impervious concrete curb and gutter pavement sections in combination with underground storm sewer / drain pipe systems and / or concrete lined channels which Cities typically require and / or allow.

Compared to standard impervious underground storm sewer / drain pipe systems, at grade open / unlined grassy ditch systems allow more storm water runoff to soak or filtrate into the ground. This type of drainage system thereby reduces downstream runoff velocities and erosion, and provides a means of detaining and treating, to some degree, pollutants such as sediments, fertilizers, nutrients, detergents, etc.. It also allows illicit discharges to pond and collect making them easier to detect, locate, and consequently to investigate the probable source to expedite the IDDE's elimination.

Such grassy drainage ditch systems are the least expensive to construct, are compatible with larger lots that are required for maintaining OSSF's (greater than ½ acre in land area when supplied with an underground potable water supply, or greater than 1 acre land when supplied with a private potable water well). This type of rural land development is popular among residents of the County Unincorporated Areas providing an incentive for their continued installation beyond this permit period. Like most Texas Counties, Dallas County presently maintains these at grade open / unlined grassy drainage ditch systems located within the County Road Right-Of-Way (R.O.W.), easement, or prescriptive rights easement, and shall continue to do so throughout the permit period.

Dallas County regionally participates in and coordinates with the NCTCOG on municipal storm water issues through the Regional Storm Water Management Program, which includes regional cooperative initiatives and development of the annual regional storm water work program. Construction Site Storm Water Runoff Control is achieved by utilizing the NCTCOG website for informational support and access to Best Management Practices (BMP's). Coordination meetings with Program updates including watershed roundtable discussions for the multiple municipalities, counties, and governmental agencies are facilitated by the NCTCOG quarterly.

In lieu of requiring impervious concrete curb and gutter pavement sections in combination with underground storm sewer / drain pipe systems and / or concrete lined channels, Dallas County will generally allow developers, home builders, and residents in the County Unincorporated Areas to use at grade open / unlined grassy drainage ditches adjacent to the privately or County owned and maintained roads. This is both cost effective to the construction community and environmentally based for the County's compliance with the State storm water permit. Specific legal agreements with some adjacent municipalities may supersede this County policy, but overall this strategy and policy will continue for the duration of the permit period.

**4(a) – Tracking: Additional Pervious Drainage Systems**

Dallas County Road and Bridge forces will maintain the open / unlined grassy drainage ditches located within the County Road Right-Of-Way (R.O.W.), easement, or prescriptive rights easement in the Unincorporated Areas. This will allow the drainage system to operate properly and produce storm water quality benefits as stated previously. Dallas County in its annual report will list additional pervious drainage systems as a result of recent land development in the Unincorporated Areas.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Maintain unlined drainage ditches and channels	Track additional pervious drainage systems	December 31, 2019
Two	Maintain unlined drainage ditches and channels	Track additional pervious drainage systems	December 31, 2020
Three	Maintain unlined drainage ditches and channels	Track additional pervious drainage systems	December 31, 2021
Four	Maintain unlined drainage ditches and channels	Track additional pervious drainage systems	December 31, 2022
Five	Maintain unlined drainage ditches and channels	Track additional pervious drainage systems	December 31, 2023

**4(b) – Tracking: Map Additional Pervious Drainage Systems**

Dallas County Public Works will map with GIS the ditches and outfalls as development occurs. As part of the Post Construction Stormwater Management in New Development and Redevelopment.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Map additional pervious drainage systems	Review online map accuracy annually	December 31, 2019
Two	Map additional pervious drainage systems	Review online map accuracy annually	December 31, 2020
Three	Map additional pervious drainage systems	Review online map accuracy annually	December 31, 2021
Four	Map additional pervious drainage systems	Review online map accuracy annually	December 31, 2022
Five	Map additional pervious drainage systems	Review online map accuracy annually	December 31, 2023

**Section III. MCM 5 - Pollution Prevention/Good Housekeeping - Municipal Operations**

Dallas County roads and bridges in the Unincorporated Urbanized Areas (UUA’s) are the ownership and maintenance responsibility of the respective Dallas County Road & Bridge District’s forces. Dallas County 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 a 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 discharges. As stated by the TCEQ, examples of local government operations include, but are not limited to: park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance;

storm water system maintenance; new construction and land disturbances; parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt / sand storage locations.

Roads in these areas are typically rural in section with asphalt pavement (20-ft. +/- width with 2-ft. +/- wide shoulders) overlaid on a flex rock base, with unlined grassy drainage ditches. These highly pervious drainage ditches collect the minor storm water runoff flows from the adjacent land, undeveloped or developed, and convey them downstream to an underground crossing culvert. The smaller culverts consist of a Corrugated Metal Pipe (CMP), Reinforced Concrete Pipe (RCP), or a Reinforced Box Culvert. The larger culverts consist of same in multiple sets, or as a reinforced concrete or steel bridge. Dallas County Road and Bridge District’s building facilities, construction equipment and fuel storage, and maintenance yards, and the Household Chemical Collection Center are all located within the Incorporated Areas of various Cities in Dallas County. Said items shall be within those Cities jurisdiction, and their respective MS4 permits.

**5(a) – Maintenance of Pervious Drainage Systems**

Dallas County Road and Bridge Districts forces (DCR&B’s) inspect County roads and bridges of their respective districts after significant rainfall events, and periodically during dry weather periods. Said inspections may include the removal of debris blocking the roadway’s travel lanes, pavement section condition and safety status, shoulder and ditch slope stability, and the removal of debris blocking the unlined grassy drainage ditch and / or the underground crossing drainage culvert which could ultimately impede proper conveyance to the Waters of the U.S.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Maintain County road open grassy drainage ditches and channels	Track Road and Bridge Maintenance	December 31, 2019
Two	Maintain County road open grassy drainage ditches and channels	Track Road and Bridge Maintenance	December 31, 2020
Three	Maintain County road open grassy drainage ditches and channels	Track Road and Bridge Maintenance	December 31, 2021
Four	Maintain County road open grassy drainage ditches and channels	Track Road and Bridge Maintenance	December 31, 2022
Five	Maintain County road open grassy drainage ditches and channels	Track Road and Bridge Maintenance	December 31, 2023

**5(b) – Strategy: Municipal Activities / Roadway and Bridge Maintenance for Proper Waste Disposal**

Waste generated from Dallas County roadway and bridge maintenance shall be properly disposed of by:

1. collecting, examining (for accumulated sediments to be re-used), and delivering the non-usable dredge spoil to the nearest jurisdictional landfill,
2. collecting, stockpiling, and re-using materials as needed for maintenance of

- County roads, or
- collecting and disposing of floatables (i.e. trash and debris in storm drainage ditches and culverts) to the nearest jurisdictional landfill.

<i>Permit Year</i>	<i>BMP</i>	<i>Measurable Goals</i>	<i>Deadline/Frequency</i>
One	Minimize waste from DCR&B activity	Document Proper Waste Disposal practices	December 31, 2019
Two	Minimize waste from DCR&B activity	Document Proper Waste Disposal practices	December 31, 2020
Three	Minimize waste from DCR&B activity	Document Proper Waste Disposal practices	December 31, 2021
Four	Minimize waste from DCR&B activity	Document Proper Waste Disposal practices	December 31, 2022
Five	Minimize waste from DCR&B activity	Document Proper Waste Disposal practices	December 31, 2023

## **Section IV – Recordkeeping and Reporting**

### **Section IV.1 - Recordkeeping**

Dallas County shall maintain all records, a copy of the TPDES general permit, and all data used to complete the application (NOI) for the term of this permit. A current / updated copy of the SWMP, NOI, and a copy of the permit language / requirements shall be maintained at both the Environmental Health Division (EHD) of the Dallas County Health and Human Services (DCHHS), and Dallas County Public Works (DCPW). Dallas County shall make the records, including the SWMP and NOI, available to the public on its website.

### **Section IV.2 - Annual Report**

Dallas County shall submit a concise annual report to the Executive Director of the TCEQ within ninety (90) days of the end of the calendar year. The annual report shall address the requirements listed in the TPDES Phase 2 MS4 general permit rules. The County shall also maintain copies of annual reports at both the Environmental Health Division (EHD) of the Dallas County Health and Human Services (DCHHS), and Dallas County Public Works (DCPW).

**DRAFT**

**Section V – Adoption by Dallas County Commissioners Court  
(Court Order No. 2019-xxxx dated July 02, 2019)**