

**TARRANT COUNTY**  
**TRANSPORTATION DEPARTMENT**

March 2, 2021

Texas Commission on Environmental Quality  
Applications Review & Processing Team (MC-148)  
P O Box 13087  
Austin, TX 78711-3087

RE: Submission of Phase II Annual MS4 Report for Tarrant County Government  
TPDES Permit Number: TXR040052

Dear Storm Water Staff:

I have enclosed an original Phase II MS4 Annual Report for your review. Tarrant County is submitting this Permit Year Two (January 1, 2020 to December 31, 2020) Report as required by the TPDES Phase II MS4 General Permit (TXR040000). Tarrant County has also submitted this information to our local TCEQ office in Fort Worth.

If you need any additional information or have comments, please contact me at 817-884-2634 or by email [raberndt@tarrantcounty.com](mailto:raberndt@tarrantcounty.com). Thank you.

Sincerely,

*Robert Berndt*

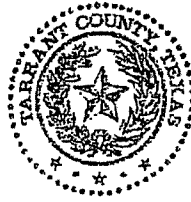
Robert Berndt, REM  
Environmental Specialist  
Tarrant County Transportation Department

Enclosure

cc: TCEQ Region 4, 2309 Gravel Drive, Fort Worth, TX 76118



104045



**B. GLEN WHITLEY**  
**COUNTY JUDGE**  
of  
**TARRANT COUNTY**

October 21, 2008

Executive Director  
SW & General Permit Team, MC-228  
P O Box 13087  
Austin, Texas 78711-3087

RE: Delegating an "Authorized Representative" for Tarrant County Government's MS4 Storm Water Permit (TXR040052)

Dear Executive Director:

This letter serves to designate the specifically described positions or persons, as provided by 30 TAC 305.128, as authorized persons for signing reports and performing certain activities requested by the Executive Director or required by the TPDES General Permit No. TXR040000, until further notice is provided in writing. This authorization cannot be used for signing a NOI, NOT, NOC or Waiver forms in accordance with Part ILD.8 of the TPDES General Permit No. TXR040000. The following positions from Tarrant County are hereby authorized to sign reports under the TPDES General Permit No. TXR040000:

Tarrant County Director of Transportation Services Department

or

Tarrant County Public Health Department - Environmental Health Manager

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in 30 TAC 305.44.

"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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature:

A handwritten signature in black ink, appearing to read "B. Glen Whitley", is written over a horizontal line.

Printed Name:

B. Glen Whitley

Title:

County Judge

Date:

October 21, 2008



**Phase II (Small) MS4 Annual Report Form  
TPDES General Permit No. TXR040000**

TCEQ-20561 (Revision July 2019)

**A. General Information**

Authorization Number: TXR040052

Reporting Year: 2

Annual Reporting Year Option Selected by MS4: 2020

Calendar Year: Yes

Permit Year: No

Fiscal Year: No                      Last Day of Fiscal Year: (N/A)

Reporting Period Beginning Date: January 1, 2020

Reporting Period End Date: December 31, 2020

MS4 Operator Level: Non-Traditional Small MS4 Level II

Name of MS4/Permittee: Tarrant County

Contact Name: Robert Berndt, REM

Contact Number: 817.884.2634

Mailing Address: 100 East Weatherford Street, Suite 401, Fort Worth, TX 76196

Email Address: raberndt@tarrantcounty.com

A copy of the annual report was submitted to the TCEQ Region: Yes

TCEQ Region the annual report was submitted: Region 4

**B. Status of Compliance with the MS4 GP and SWMP**

1. Provide information on the status of complying with permit conditions:

(TXR040000 Part IV Section B.2.)

Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.



Yes

Permittee is currently in compliance with record keeping and reporting requirements?

Yes

Permittee met the eligibility requirements of the permit (e.g. Total Maximum Daily Load (TMDL) requirements, Edwards Aquifer limitations, compliance history, etc.)?

Yes

Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report.

Yes

2. Provide a general assessment of the appropriateness of the selected BMP's.

See Table 1 and 2

3. Describe progress towards achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation.

See Table 1

4. Provide the measurable goals for each of the Minimum Control Measures (MCMs), and an evaluation of the success of the implementation of the measurable goals.

See Table 2

### **C. Storm Water Data Summary**

Provide a summary of all information used, including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.?

Tarrant County did not do any Stormwater sampling to assess the success of the SWMP. Tarrant County used other methods to reduce the discharge of pollutants to the MEP.

See Table 1 and 2 for those methods.

### **D. Impaired Waterbodies**

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly identified impaired waters below by including the name of the water body and the cause of impairment.





According to the EPA and TCEQ approved 2020 Texas Integrated 303(d) list, no new segments for TMDL impairments have been added. Tarrant County's Permit Year 1 Annual Report was based on the EPA and TCEQ approved 2016 Texas Integrated 303(d) list. Tarrant County's NOI and SWMP was based on EPA and TCEQ approved 2014 Texas Integrated 303(d) list

2. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern.

Tarrant County is using a focused BMP approach to address water quality impairments. There were no water quality samples collected to establish a benchmark for targeted bacterial concerns within Tarrant County's unincorporated urbanized areas.

3. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL.

Tarrant County's Stormwater Staff has determined Tarrant County has *no* direct discharge into any impaired water bodies within the approved TMDL watershed. Tarrant County will implement some (such as, onsite sewage facilities, illicit discharges/dumping and residential education) of those implementation strategies and BMP's listed in the approved I-Plan and from the small MS4 General Permit Part II, Section D 4(a)(5) "Impairment for Bacteria." These implementation strategies and BMP's for bacteria reduction will be listed as BMP's in the body of our SWMP and highlighted by (TMDL).

Tarrant County will assess progress by using program implementation of targeted controls such as:

- (1) Number of sources identified or eliminated-See MCM 2(e) and 2(f)
- (2) Decrease in number of illegal dumping-See MCM 2(f)
- (3) Increase in illegal dumping reporting-See MCM 2(f)
- (4) Number of educational opportunities conducted-See MCM 1(g), 1(i) and 1(m)
- (5) Reductions in sanitary sewer flows (SSOs)-See MCM 2(e)

4. Report the benchmark identified by the MS4 and assessment activities.

Benchmark Parameter is Bacteria.

Benchmark Value is 184.4 Billion MPN/day per TMDL I-Plan for the West Fork Trinity River

Description of additional sampling or other assessment activities: NONE by Tarrant County

Year(s) conducted: Not Applicable

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark.

Tarrant County believes the analysis of how the selected BMP's will be effective in contributing to achieving the benchmark is listed in the BMP descriptions in the following sections:



| Benchmark Parameter | Selected BMP            | Contribution to Achieving Benchmark           |
|---------------------|-------------------------|-----------------------------------------------|
| Bacteria            | MCM 2(e) and 2(f)       | Number of sources identified or eliminated    |
| Bacteria            | MCM 2(f)                | Decrease in number of illegal dumping         |
| Bacteria            | MCM 2(f)                | Increase in illegal dumping reporting         |
| Bacteria            | MCM 1(g), 1(i) and 1(m) | Number of educational opportunities conducted |
| Bacteria            | MCM 2(e)                | Reductions in sanitary sewer flows (SSOs)     |

6. If applicable, report on focused BMPs to address impairment for Bacteria.

Under BMP 1(g), participate in the NCTCOG’s Stormwater Education Task Force, Regional Stormwater Management Coordinating Council and TMDL Subcommittee meetings.

Under BMP 1(i) Public Health storm water staff updates their website with any information pertaining to impaired waterbody contaminates.

Under BMP 1(m) Staff will continue to educate employees and citizens in the reduction and abatement of the targeted bacteria, through the Targeted Bacteria Pollutant Reduction BMP.

Under BMP 2(e), Public Health Staff will continue to monitor and enforce the abatement of any Onsite Sewage Facility violations.

Under BMP 2(f) staff will follow the progress of the Illegal Dumping Team.

7. Assess the progress to determine BMP’s effectiveness in achieving the benchmark. Describe progress in achieving the benchmark.

Tarrant County believes progress toward achieving the TMDL benchmark is listed in Table 1 and 2 (Explain progress toward goal or how goal was achieved)

(1) Number of sources identified-See MCM 2(e) and 2(f)

(2) Number of fines for illegal dumping-See MCM 2(f)

(3) Increase in number of citations for illegal dumping reporting-See MCM 2(f)

(4) Number of educational opportunities conducted-See MCM 1(g), 1(i) and 1(m)

(5) Reductions in sanitary sewer flows (SSOs)-See MCM 2(e)

## **E. Storm Water Activities**

Describe any activities planned for the next reporting year.

The answer to this question can be found in Table 2 (Goals for Next Year)



## **F. SWMP Modifications**

1. The SWMP and MCM implementation procedures are reviewed each year.

Yes

2. Changes have been made or/are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

No

3. Explain additional changes or proposed changes not previously mentioned.

N/A

## **G. Additional BMPs for TMDL's and I-Plans**

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

NA

## **H. Additional Information**

1. Is the permittee relying on another entity to satisfy any of its permit obligations?

No

If "Yes," provide the name(s) of other entities and an explanation of their responsibilities

NA

2. a. Is the permittee part of a group sharing a SWMP with other entities?

No

2. b. If "Yes," is this a system-wide annual report including information for all permittees?

NA

If "Yes," list all associated authorization numbers, permittee names and SWMP responsibilities of each member

NA



**I. Construction Activities**

1. The number of construction activities that occurred in the jurisdictional area of the MS4: 3

2. a. Does the permittee utilize the optional seventh MCM related to construction?

No.

2. b. If “Yes,” then provide the following information for this permit year.

NA


**J. Certification**

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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): David Jefferson

Title: Tarrant County Public Health Department-Environmental Health Manager

Signature:



Date: 2/3/2021





Table 1

| MCM | BMP                                                                                                                                                       | BMP Source                                               | Quantity     | Information Used                                             | Does the BMP Demonstrate a Direct Reduction in Pollutants                                                                                                          |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1a  | Texas SmartScope Website<br>Review the number of website visits                                                                                           | Report from NCTCOG                                       | 11092 visits | Internet                                                     | No. This BMP can only educate the citizens to use best management practices when planting                                                                          |
| 1b  | Texas SmartScope Bookmarks<br>Distribute Bookmarks to citizens and employees                                                                              | Bookmarks from NCTCOG                                    | 247          | Bookmarks                                                    | No. This BMP can only educate the citizens to use best management practices when planting                                                                          |
| 1c  | March is Texas SmartScope Month<br>Promote "March is SmartScope Month" through social media and set up an information table in the lobby of Public Health | Tarrant County Public Health                             | 1            | Social Media Postings                                        | No. This BMP can only educate the citizens to use best management practices when planting and gardening                                                            |
| 1d  | Distribution of Educational Materials<br>Distribute Educational Materials to the Public and Employees                                                     | Publications (i.e. Brochures, Flyers, Bookmarks, etc.)   | 920          | Stormwater Brochures, Trifolds, Color Books, Bookmarks, etc. | No. This BMP can only educate the citizens and county employees to use best management practices when protecting all water resources                               |
| 1e  | Texas AgriLife Extension Service<br>Review the number of website visits                                                                                   | Texas Watershed Steward Program Website                  | 2523 visits  | Internet                                                     | No. This BMP can only educate the citizens to use best management practices when protecting all water resources                                                    |
| 1f  | Tarrant County Social Media Posts<br>Social Media Posts                                                                                                   | Public Health: Facebook, Twitter or NCTCOG Participation | 2            | Internet                                                     | No. This BMP can only educate the citizens and county employees to use best management practices when protecting all water resources                               |
| 1g  | NCTCOG Participation (TMDL)<br>Staff will attend NCTCOG stormwater related meetings                                                                       | NCTCOG Participation                                     | 9            | NCTCOG Committee meetings                                    | No. This BMP can only educate Staff to use tools and resources to provide to citizens for protecting all water resources                                           |
| 1h  | Transportation Department Website<br>Place 2019 Annual MS4 Storm Water report on Website                                                                  | Transportation Website                                   | 1            | Internet                                                     | No. This BMP only provides information to Citizens and Employees to answer any questions they may have concerning stormwater pollution prevention                  |
| 1i  | Public Health Website (TMDL)<br>Update Public Health's website as needed                                                                                  | Public Health Website                                    | 1            | Internet                                                     | No. This BMP only provides information to Citizens and Employees to answer any questions they may have concerning stormwater pollution prevention                  |
| 1j  | Public Notice Requirements<br>Public Notice Requirements will be met by Commissioners Court Meetings                                                      | Public Notice for Meetings                               | 13           | Tarrant County Court Meetings                                | No. This BMP is for staff to provide at Commissioner's Court Agenda which allows Staff to provide information or resources to citizens                             |
| 1k  | Post Draft/Current SWMP on Transportation Department Website<br>Post Draft/Current SWMP to website                                                        | Current SWMP on Transportation Website                   | 1            | Internet                                                     | No. This BMP is for informational purposes to the citizens when they want information on TC strategies to address stormwater pollution                             |
| 1l  | Celebrate "Earth Day in September"<br>Set up Earth Day information table                                                                                  | Earth Day Educational                                    | 1            | Public Health                                                | No. Participation at this event only provides educational information to employees and citizens who want to learn about ways to prevent water pollution in their   |
| 1m  | E.coli Bacteria Pollutant Reduction Notice on Social Media (TMDL)<br>Social media post about E.coli Reduction                                             | Targeted Bacteria Pollutant Reduction                    | 1            | Twitter Facebook                                             | No. This BMP is for informational purposes to the citizens and employees concerning E.coli Bacteria in water sources and how to reduce or prevent this contaminant |
| 2a  | MS4 Mapping<br>Stormwater Staff looked at Outfalls in Precinct II                                                                                         | US Census                                                | 9            | MS4 Outfall Map                                              | No. This BMP is for informational purposes allowing Staff to document and observe outfalls in the urbanized area                                                   |
| 2b  | County Employee Training<br>Storm Water Staff trained Facilities Management staff and Public Health Staff                                                 | Employee Training                                        | 3            | Videos and Educational Materials                             | No. This BMP can only provide education to Tarrant County employees to use best management practices when performing their job duties                              |

|    |                                                                                                                                                                                                                                  |                                                                            |                                         |                                                                    |                                                                                                                                                                                 |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2c | <b>Public Reporting: NCTCOG Illegal Dumping Hotline (TMDL)</b><br>Determine number of calls to hotline                                                                                                                           | NCTCOG Illegal Dumping Hotline                                             | 6                                       | Number of calls to the Hotline                                     | Yes. This BMP allows Public Health and Tarrant County's Sheriff's Deputies investigate illegal dumping sites and abate any violations                                           |
| 2d | <b>Public Reporting: Citizen Reports and County Staff Surveillance of Illegal Discharges</b><br>Investigate illegal discharge complaints                                                                                         | Citizen Reports and County Staff Surveillance and Complaint Investigations | 2-100% response                         | Reports, phone calls, emails                                       | Yes. This BMP allows Public Health and Tarrant County's Sheriff's Deputies investigate illegal discharges into any waterways within the unincorporated Tarrant County           |
| 2e | <b>Source Investigation and Elimination: Onsite Sewage Facilities (OSSF) (TMDL)</b><br>Investigate OSSF complaints; report the number of ongoing investigations and sites brought into compliance                                | Onsite Sewage Facility (OSSF) Program                                      | 87 calls open<br>22 closed<br>65 closed | Citizen and county staff calls, emails. Reports and mail           | Yes. This BMP allows Public Health to investigate illegal discharges into any waterways within the unincorporated Tarrant County due to malfunctioning onsite sewage facilities |
| 2f | <b>Source Investigation and Elimination: Illegal Dumping Team (TMDL)</b><br>Report the number of illegal dumping cases, fines collected and the number of citations issues. Annual Combination Meeting of Tarrant County Offices | Sheriff's Department Illegal Dumping Team                                  | 12                                      | Monthly Reports                                                    | Yes. This BMP allows Public Health and Tarrant County's Sheriff's Deputies investigate illegal dumping sites and abate any violations                                           |
| 2g | <b>Source Elimination: Household Hazardous Waste</b><br>Send out vouchers to citizens                                                                                                                                            | Voucher System                                                             | 72                                      | FTW's Environmental Collection Center                              | Yes. This BMP allows citizens in the unincorporated area to safely and legally dispose of household chemical waste                                                              |
| 2h | <b>Source Elimination: General Waste and Recyclables</b><br>Starting September 1, 2020, vouchers were sent to citizens                                                                                                           | Vouchers sent to Citizens                                                  | 13                                      | Transportation Department                                          | Yes. This BMP allows citizens in the unincorporated area to safely and legally dispose of general waste and recyclables.                                                        |
| 2i | Stormwater Staff Training: EPA Region 6 Virtual Stormwater Training on August 11 - 13, 2020                                                                                                                                      | Stormwater MS4 issues                                                      | 2                                       | Classes, seminars, professional membership                         | No. This BMP is for informational purposes to guide Staff to adhere to the MS4 rules and regulations                                                                            |
| 3a | <b>iSWM Design Manual for Construction</b><br>Promote the use of the iSWM Manual by sending out letters                                                                                                                          | iSWM Design Manual for Construction                                        | 284                                     | County Engineer's Information Letter                               | No. This BMP is for informational purposes to guide citizens to adhere to the iSWM Design Manual for Construction                                                               |
| 3b | <b>Construction Plan Review Procedures</b><br>Review Construction Plan Projects                                                                                                                                                  | Review Construction Plans                                                  | 4<br>100% reviewed                      | Construction Plans Submitted to the County                         | Yes. This BMP is useful for the Staff to ensure the projects will meet TECQ Construction General Permit rules and regulations                                                   |
| 3c | <b>Construction Site Inspection and Enforcement</b><br>Conduct Construction Site Inspections                                                                                                                                     | Construction Site Inspection and Enforcement                               | 6                                       | Field Site Inspections                                             | Yes. This BMP is useful for the Staff to ensure construction projects and sites are being maintained and are following TCEQ Construction General Permit rules and regulations   |
| 3d | <b>Citizen Reports and County Surveillance of Stormwater Discharges</b><br>Investigate stormwater discharge complaints                                                                                                           | Investigation and Surveillance                                             | 2-100% response                         | Field Site Inspections                                             | Yes. This BMP is useful by getting feedback from the citizens or county staff with concerns about water quality issues and then investigate those issues                        |
| 3e | <b>MS4 Staff Training</b><br>Stormwater Staff Training: EPA Region 6 Virtual Stormwater Training on August 11- 13, 2020                                                                                                          | Stormwater Construction issues                                             | 2                                       | Classes, seminars, professional memberships, meeting and workshops | No. This BMP is for informational purposes to guide Staff to adhere to the construction rules and regulations                                                                   |
| 3f | <b>Voluntary Coordination Meeting with Land Developers</b><br>Meetings with Land Developers                                                                                                                                      | Meeting                                                                    | 18                                      | iSWM Manuals and SW Permit discussions                             | No. This BMP educates Land Developers on the rules and regulation of County and State                                                                                           |

|    |                                                                                                                      |                                                                      |                                            |                                                     |                                                                                                                                          |
|----|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 4a | <b>Allow Pervious Drainage Systems</b>                                                                               | Allow open, grassy ditches                                           | 1                                          | Tarrant County Subdivision and Land Use Regulations | Yes. This BMP allows stormwater to filter through grassy ditches                                                                         |
| 4b | Subdivision and Land Use Regulations Manual                                                                          | Track current pervious roadside                                      | 260.38                                     | Transportation's GIS program                        | No. This BMP is only for internal county use to monitor the amount of county maintained road                                             |
|    | Determine the Amount of Grass Lined Ditches                                                                          | Texas SmartScape Website                                             | 11,092 visits                              | Internet                                            | No. This BMP can only educate the citizens to best management practices when protecting all water resources                              |
| 4c | Review the number of website visits                                                                                  | A photographic record of County facilities that use Texas SmartScape | 4                                          | New and Current County Facilities                   | Yes. This BMP supports and maintains sound stormwater protection measures by using Texas SmartScape design                               |
|    | <b>New and Current County Facilities Landscapes</b>                                                                  | iSWM Design Manual for Construction                                  | 284                                        | County Engineer's Informational Letter              | No. This BMP is for informational purposes to guide citizens to adhere to the iSWM                                                       |
| 4d | Photograph County Facilities                                                                                         | Permit                                                               | 10                                         | Floodplain Development Program                      | Yes. This BMP supports and maintains sound stormwater protection measures by using these permits                                         |
| 4e | Promote the use of the iSWM Manual                                                                                   | County Facilities                                                    | 47-100% visited                            | Site Surveys                                        | No. This BMP is only for internal county use to support and maintain sound stormwater protection measures                                |
|    | <b>Tarrant county Floodplain Development Permit</b>                                                                  | Employee Training                                                    | 3                                          | Videos and Educational Materials                    | No. This BMP can only provide education to Tarrant County employees to use best management practices when performing their job duties    |
| 4f | Issue Floodplain Permits                                                                                             | Updated the Report                                                   | 1                                          | Report                                              | No. This BMP is used to educate county staff when doing their duties in the field and to protect stormwater from pollution               |
|    | <b>County Owned Facilities Visits</b>                                                                                | Assure Stormwater BMPs are included in County Contracts              | 11                                         | Contracts from Purchasing                           | Yes. This BMP requires the assigned contractors to follow good housekeeping procedures while working on County facilities and properties |
| 5a | Tarrant County stormwater staff inspected Tarrant County owned facilities                                            | SPCC Training                                                        | 6                                          | Videos and Educational Materials                    | No. This BMP is used to educate county staff when doing their duties in the field and how to respond to spill situations                 |
|    | <b>County Employee Training</b>                                                                                      | SPCC Inspections                                                     | 5                                          | Physical Site Inspections                           | Yes. This BMP identifies potential stormwater problems which are then addressed by County                                                |
| 5b | Tarrant County stormwater staff lead trainings for Public Health Environmental Staff and Facilities Management Staff | Compiling a Workplace Chem                                           | 5                                          | Site Inspections                                    | Yes. This BMP identifies potential stormwater problems which are then addressed by County Personnel                                      |
|    | Update and review report                                                                                             | Vector Control Team                                                  | 75-Spray Events and 4-Licensed Applicators | Texas Department of Agriculture                     | No. This BMP only confirms Tarrant County has the appropriate licensed Pesticide Applicators under TDA for Mosquito spraying             |
| 5c | <b>Disposal of Waste Material</b>                                                                                    | Precinct Staff inputs linear feet of cleaned ditches                 | 40,177                                     | Cartograph Software                                 | Yes. This BMP tracks the amount of linear feet                                                                                           |
|    | <b>Contractor Requirements and Oversight</b>                                                                         |                                                                      |                                            |                                                     |                                                                                                                                          |
| 5d | Contractor Agreements with County                                                                                    |                                                                      |                                            |                                                     |                                                                                                                                          |
|    | <b>SPCC Plans for County Facilities-Training</b>                                                                     |                                                                      |                                            |                                                     |                                                                                                                                          |
| 5e | Perform SPCC training at Precinct 1-4 Garages, including Paint Crew and Green Bay jail                               |                                                                      |                                            |                                                     |                                                                                                                                          |
|    | <b>SPCC Plans for County Facilities-Inspection</b>                                                                   |                                                                      |                                            |                                                     |                                                                                                                                          |
| 5f | Perform 5 SPCC inspections                                                                                           |                                                                      |                                            |                                                     |                                                                                                                                          |
|    | <b>Identifying Chemical Pollutants of Concern at County Facilities</b>                                               |                                                                      |                                            |                                                     |                                                                                                                                          |
| 5g | Complete Work Place Chemical List                                                                                    |                                                                      |                                            |                                                     |                                                                                                                                          |
|    | <b>Application Events by County Licensed Applicators for Pesticides</b>                                              |                                                                      |                                            |                                                     |                                                                                                                                          |
| 5h | Maintain a copy of spray events.                                                                                     |                                                                      |                                            |                                                     |                                                                                                                                          |
|    | <b>Structural Control Maintenance</b>                                                                                |                                                                      |                                            |                                                     |                                                                                                                                          |
| 5i | Document Linear Ditch Feet Cleaned                                                                                   |                                                                      |                                            |                                                     |                                                                                                                                          |
|    |                                                                                                                      |                                                                      |                                            |                                                     |                                                                                                                                          |



**Measurable Goal Status**

**Table 2**

| <b>MCM</b> | <b>Measurable Goals</b>                                                                                                    | <b>Explain Progress Toward Goal or How Goal was Achieved</b>                                                                                                 | <b>Goals for Next Year</b>                                                                                                | <b>BMP is Appropriate for Reducing the Discharge of Pollutants in Stormwater</b>                                              |
|------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1a         | Review one report from NCTCOG                                                                                              | Goal Met -Reviewed one report which detailed 11,092 site visits to Texas SmartScape Website                                                                  | Review one report from NCTCOG                                                                                             | Yes. This BMP educates the citizens how to use best management practices when planting                                        |
| 1b         | Distribute 75 Bookmarks                                                                                                    | <i>Exceeded Goal</i> -Staff distributed 247 bookmarks                                                                                                        | Distribute 75 Bookmarks                                                                                                   | Yes. This BMP educates the citizens how to use best management practices when planting<br>Yes. This BMP educates the citizens |
| 1c         | 1. Send out one Social Media message through Public Health's PIO.<br>2. Set up one SmartScape table in Public Health Lobby | Goal Met -Social Media Post and Table was set up in March 2020, social media post was posted on March 20, 2020                                               | 1. Send out one social media message through Public Health's PIO<br>2. Set up one SmartScape Table in Public Health Lobby |                                                                                                                               |
| 1d         | Distribute 500 items of educational materials                                                                              | <i>Exceeded Goal</i> -Staff distributed 920 educational materials during events such as Earth Day, SmartScape Month, Cease the grease table and HHW Vouchers | Distribute 500 items of educational materials                                                                             | Yes. This BMP educates the citizens to use best management practices on how to protect water resources                        |
| 1e         | Review one report from Texas AgriLife                                                                                      | Goal Met -There were 2523 pageviews to the Texas Watershed Steward Website per the Texas AgriLife Report                                                     | Review one report from Texas AgriLife                                                                                     | Yes. This BMP educates the citizens to use best management practices on how to protect water resources                        |
| 1f         | There will be two stormwater related topic posted through social media                                                     | Goal Met -Public Health: Facebook posting about Texas SmartScape Month on March 20, 2020. Tarrant County Twitter posting about E.coli on December 2, 2020    | Two Stormwater related topics will be posted through social media                                                         | Yes. This BMP educates the citizens to use best management practices on how to protect water resources                        |
| 1g         | Staff will attend five NCTCOG Meetings                                                                                     | <i>Exceeded Goal</i> -Staff documented participation in 9 Storm Water related groups (UTRCC, RSWMCC, TMDL and PETF)                                          | Staff will attend 5 NCTCOG meetings                                                                                       | Yes. This BMP educates SW Staff to use best management practices on how to protect water resources                            |
| 1h         | Place 2019 Annual MS4 Report to Website                                                                                    | Goal Met-2019 Annual MS4 Report was uploaded to Transportation Website                                                                                       | Place 2020 Annual MS4 Report to Transportation Website                                                                    | Yes. This BMP provides information to citizens and employees about the County's SWMP                                          |
| 1i         | One E coli bacteria article will be on website                                                                             | Goal Met - Public Health posted one article about E coli to website                                                                                          | One E. coli bacteria article will be on Public Health's website                                                           | Yes. This BMP educates citizens to use best management practices on how to protect water resources                            |

|    |                                                                                    |                                                                                                                                                                                            |                                                                                    |                                                                                                                                           |
|----|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1j | One SWMP item will be brought before Commissioner's Court                          | Exceeded Goal -13 Commissioner's Court Agenda items were documented                                                                                                                        | One SWMP item will be brought before Commissioner's Court                          | Yes. This BMP allows citizens to be a part of the public notice process                                                                   |
| 1k | Post one draft/current SWMP to website                                             | Goal Met -SWMP is on the Transportation Department website                                                                                                                                 | Post one draft/current SWMP to website                                             | Yes. This BMP educates citizens on Tarrant County's SWMP                                                                                  |
| 1l | Set up one informational table in Public Health's Lobby for Earth Day in September | Goal Met - Informational table was set up in Public Health's Lobby during the month of September                                                                                           | Set up one informational table in Public Health's Lobby for Earth Day in September | Yes. This BMP educates citizens on Tarrant County's SWMP and employees on how to use best management practices to protect water resources |
| 1m | There will be one social                                                           | Goal Met - posted E.coli article on Twitter on December 2, 2020                                                                                                                            | There will be one social media post                                                | Yes. This BMP educates citizens to use best management practices on how to protect water resources from E. Coli                           |
| 2a | Find outfalls in Precinct Two                                                      | Goal Met - 9 outfalls were inspected in Precinct Two                                                                                                                                       | Outfalls in Precinct Three and prepare an MS4 map for Precinct Three               | Yes. Staff needs to know where the stormwater outfalls are to our creeks and rivers                                                       |
| 2b | Perform Two Classroom Trainings                                                    | Exceeded Goal- 3 staff trainings were done; two trainings for Facility Management and one training for Public Health                                                                       | Perform five classroom trainings                                                   | Yes. This BMP educates employees to use best management practices to protect stormwater                                                   |
| 2c | Review one report from NCTCOG                                                      | Goal Met - According to NCTCOG report, the Illegal Dumping Hotline received 6 phone calls that were forwarded to the County Sheriff's Office                                               | Review one report from NCTCOG                                                      | Yes. This BMP allows County Staff to investigate and abate illegal dumping                                                                |
| 2d | Respond to 100% of illegal discharge complaints                                    | Goal Met - Transportation investigated 2 reports and Public Health investigate 0 reports from citizens, outside agencies or other Tarrant County departments concerning illicit discharges | Respond to 100% of illegal discharge complaints                                    | Yes. This BMP allows County Staff to investigate and abate illicit discharges                                                             |
| 2e | Review one annual OSSF report                                                      | Goal Met - Public Health Staff investigated 87 complaints concerning OSSF's. Of these, 65 were brought back into compliance and 22 are ongoing                                             | Review one annual OSSF report                                                      | Yes. This BMP allows Public Health Staff investigate and abate OSSF discharges                                                            |
| 2f | Review 12 monthly reports                                                          | Goal Met -12 reports were reviewed, which revealed the Illegal Dumping Team investigated 41 cases for dumping, collected \$497.00 in fines and issued 16 citations                         | Review 12 monthly reports                                                          | Yes. This BMP allows the Sheriff's Office to investigate and abate illegal dumping sites                                                  |
| 2g | Mail out 20 vouchers to use at ECC                                                 | Exceeded Goal - Staff distributed 72 Environmental Collection Center vouchers to county residents                                                                                          | Mail out 20 vouchers to use at ECC                                                 | Yes. This BMP allows citizens to properly dispose of household hazardous waste                                                            |
| 2h | Mail out 10 vouchers to use at Drop-off Stations                                   | Exceeded Goal - 13 vouchers were sent out                                                                                                                                                  | Mail out 10 vouchers to be used at Drop-off Stations                               | Yes. This BMP allows citizens to properly dispose of general waste and recyclables                                                        |

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| 2i | One training per staff member                                         | Met Goal - Staff participated in Region 6 Annual Virtual Stormwater Conference August 11-13, 2020 for MS4 topics                                                                                                   | One training per staff member                                         | Yes. This BMP educates Staff to use best management practices on how to protect water resources                                    |
| 3a | Send out 10 letters                                                   | Exceeded Goal - There were 284 letters titled, "Guidelines for Development in the Unincorporated Areas of Tarrant County" sent out by the Tarrant County" sent out by the Tarrant County Transportation Department | Send out 10 letters                                                   | Yes. This BMP helps citizens and Developers to design projects that protect stormwater runoff                                      |
| 3b | Review 100% of the projects brought to SW Staff by County Departments | Goal Met - 4 construction projects were received and reviewed by SW Staff in the Transportation Department                                                                                                         | Review 100% of the projects brought to SW Staff by County Departments | Yes. This BMP helps staff ensure projects are meeting the TCEQ Storm Water Construction General Permit                             |
| 3c | Conduct 5 inspections                                                 | Exceeded Goal - Staff inspected 6 construction sites. 3 of the sites were in the urbanized area and 3 were in the non-urbanized site issues                                                                        | Conduct 5 inspections                                                 | Yes. This BMP helps staff ensures that external projects are meeting the TCEQ Storm Water Construction General Permit              |
| 3d | Respond to 100% of                                                    | Goal Met - Transportation Staff reviewed and investigated 2 complaints from citizens and other agencies about construction site issues                                                                             | Respond to 100% of stormwater discharge complaints                    | Yes. This BMP helps staff ensures that external projects are meeting the TCEQ Storm Water Construction General Permit              |
| 3e | One training per staff member                                         | Met Goal - Staff attended the 2020 EPA Region 6 Virtual Stormwater Conference on August 12, 2020 for construction site issues                                                                                      | One training per staff member                                         | Yes. This BMP helps staff ensures that internal and external projects are meeting the TCEQ Storm Water Construction General Permit |
| 3f | Hold 3 meetings                                                       | Exceeded Goal - Held 18 Meetings with Land Developers                                                                                                                                                              | Hold 3 meetings                                                       | Yes. This BMP educates Land Developers on the rules and regulations of County and State                                            |
| 4a | One Manual                                                            | Goal Met - Subdivision and Land Use Regulations (Section K- Drainage Standards) are official county policy                                                                                                         | One manual                                                            | Yes. This BMP allows the use of open grassy ditches to                                                                             |
| 4b | Review One Report                                                     | Goal Met- The Tarrant County Transportation Department provided a report that Tarrant County has 260.38 miles of drainage ditches in the unincorporated, urbanized area                                            | Review One report                                                     | Yes. This BMP allows Staff to track the amount of grass lined ditches that filter storm water                                      |
| 4c | Review one report from NCTCOG                                         | Goal Met - Reviewed one report which detailed 11,092 site visits to Texas SmartScape Website                                                                                                                       | Review one report from NCTCOG                                         | Yes. This BMP educates the citizens how to use best management practices when planting                                             |
| 4d | Photograph 3 County facilities                                        | Exceeded Goal - Staff photographed 4 Tarrant County government locations where Texas SmartScape or comparable landscapes are located                                                                               | Photograph 3 County Facilities                                        | Yes. This BMP supports and maintains sound stormwater protection measures by using Texas SmartScape design                         |

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| 4e | Send out 10 letters                 | <i>Exceeded Goal</i> - There were 284 letters titled, "Guidelines for Development in the Unincorporated Areas of Tarrant County" sent out by the Tarrant County Transportation Department which encouraged the use of iSWMDesign Manual | Send out 10 letters                | Yes. This BMP helps citizens and developers to design projects that protect stormwater runoff                                                   |
| 4f | Issue 2 Floodplain Permits          | <i>Exceeded Goal</i> - There were 10 Floodplain permits issued by County Engineer                                                                                                                                                       | Issue 2 Floodplain Permits         | Yes. This BMP supports and maintains sound stormwater protection measures by using these permits                                                |
| 5a | 50% of County Facilities visited    | <i>Exceeded Goal</i> - Staff visited 47 sites for 100% of County owned Facilities                                                                                                                                                       | BMP completed                      | Yes. This BMP helps Staff to ensure County Facilities are not causing storm water pollution                                                     |
| 5b | Perform two classroom trainings     | <i>Exceeded Goal</i> - 2 classes for Facilities Management and 1 class for Public Health                                                                                                                                                | Perform five classroom trainings   | Yes. This BMP educates employees to use best management practices on how to protect stormwater                                                  |
| 5c | Update Report                       | <i>Goal Met</i> - Update Disposal of Waste Material report                                                                                                                                                                              | No activity scheduled for this BMP | Yes. This BMP helps Staff to ensure                                                                                                             |
| 5d | One Commissioners Court Agenda Item | <i>Exceeded Goal</i> -Staff reviewed and updated 11 County Purchasing contracts that were passed by Commissioner's Court                                                                                                                | One Commissioner Court Agenda Item | Yes. This BMP will ensure contractors will follow good storm water housekeeping BMPs on county properties                                       |
| 5e | Six SPCC Trainings                  | <i>Goal Met</i> - Transportation Staff trained the employees at the following locations: Precinct 1, Precinct 2, Precinct 3 and Precinct 4, Green Bay Jail, Paint Crew                                                                  | Six SPCC Trainings                 | Yes. This BMP will ensure employees know what to do during spills to the environment                                                            |
| 5f | Five SPCC Inspections               | <i>Goal Met</i> - Staff inspected 5 County Facilities Precinct 1, Precinct 2, Precinct 3 and Precinct 4, Green Bay Jail.                                                                                                                | 5 SPCC inspections                 | Yes. This BMP identifies potential stormwater problems which are then addressed by County personnel through site inspections                    |
| 5g | Five Work Place Chemical            | <i>Goal Met</i> - Staff inspected and completed a workplace chemical list for 5 County Facilities (Precinct 1, Precinct 2, Precinct 3, Precinct 4 and Central Garage)                                                                   | Five Work Place Chemical Lists     | Yes. This BMP helps SW Staff to ensure chemicals at County Facilities are not causing storm water pollution                                     |
| 5h | Review One Report                   | <i>Goal Met</i> -Staff reviewed one report which indicated 75 spray events were performed                                                                                                                                               | Review One Report                  | Yes. This BMP helps Staff to ensure licensed professionals are overseeing the spraying of county approved pesticides in the unincorporated area |
| 5i | Review One Report                   | <i>Goal Met</i> - Tarrant County Precinct Road and Bridge crews have cleaned 40,177 linear feet of MS4 drainage ditches                                                                                                                 | Review One Report                  | Yes. This BMP helps keep our MS4 ditches to be clear of debris and other potential pollutants                                                   |