

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: [TXR040112](#)

Reporting Year (year will be either 1, 2, 3, 4, or 5): [4](#)

Annual Reporting Year Option Selected by MS4:

Calendar Year:

Permit Year:

Fiscal Year: [Fiscal](#) Last day of fiscal year: [September 30, 2022](#)

Reporting period beginning date: (month/date/year): [October 1, 2021](#)

Reporting period end date: (month/date/year): [September 30, 2022](#)

MS4 Operator Level: [Two](#) Name of MS4: [Williamson County](#)

Contact Name: [Roger Hickman](#) Telephone Number: [512-943-3345](#)

Mailing Address: [3151 SE Inner Loop, Austin, TX 78731](#)

E-mail Address: roger.hickman@wilco.org

A copy of the annual report was submitted to the TCEQ Region: [YES](#)

Region the annual report was submitted to: [TCEQ Region 11](#)

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV.B.2)

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (**see Example 1 in instructions**):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
1.0: Public Education, Outreach and Involvement	1.1: Community Education	<p>No.</p> <p>Due to the staffing shortages, Williamson County was unable to provide a presentation to Georgetown High School.</p>

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
	1.2: Garden & Lawn	<p>Yes</p> <p>Texas Master Garden Workshops are presented once a month.</p>
	1.3: Recycling & Household Waste	<p>Yes.</p> <p>There was one Recycling and Household Hazardous Waste event on April 23, 2020. The second one was held on September 24, 2022.</p>
	1.4: Pet Waste Program	<p>Yes.</p> <p>Two pet waste stations have been installed at the Williamson County Regional Park.</p>
	1.5: Public Notice	<p>No.</p> <p>We completed the review for our MS4 Stormwater Management Plan update for FY 2020-2025 on February 12, 2020. We are still waiting for permission to publish our Public Notice from the TCEQ.</p>
	1.6 Website	<p>No.</p> <p>The 2014-2019 SWMP and 2019 MS4 Annual Report is available on the Williamson County Website. We are still waiting for permission from the TCEQ to publish the 2020-2025 SWMP.</p>

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
2.0: Illicit Discharge Detection and Elimination	2.1: MS4 Mapping	<p>Yes.</p> <ul style="list-style-type: none"> • A map has been developed of the MS4 system including the location of the following: MS4 receiving streams, Storm Water Outfalls, and Permit Coverage Area. • New outfalls and drainage structures have been identified during the review of development and construction plans and have been added to the MS4 system map (on-going program). • A method has been developed and implemented for updating the MS4 map with new drainage structures and outfalls (on-going program). • Procedures have been developed and implemented for identifying new outfalls found in the field while conducting the MS4 outfall screening programs. • Training has been conducted for MS4 screening personnel and plan review personnel on proper procedures for updating the MS4 map and outfall inventory (on-going program).
	2.2: Staff Training	<p>Yes.</p> <ul style="list-style-type: none"> • Roger Hickman, Austin Nelson and Doug Woodall have updated their Qualified Preparer of Stormwater Pollution Prevention Plans certifications. • Bryant Davis, Cason Cerda and Brandley King have completed their Qualified Compliance Inspector of Stormwater certificate. • Austin Nelson and Roger Hickman have also attended the TCEQ MS4 Regional Stormwater Workshop in January 2022.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
	2.3: Public Complaints	<p>Yes.</p> <ul style="list-style-type: none"> • A list of locally occurring non-storm water discharges that were observed by the public is maintained. • A hotline phone number for reporting of potential illicit discharges by the public has been established. The Williamson County Illicit Discharge Hotline (512-943-3330) is posted on the County's website. • Appropriate public education activities designed to inform the public of the hotline and types of potential discharges to report has been conducted (on-going program). • Internal procedures for receiving hotline phone calls has been developed. • Internal reporting forms to track reported discharges, investigation of public reports, and corrective actions associated with the elimination of illicit discharges reported by the public has been developed. • Investigations initiated by the public have been conducted if the reports are valid. All public reports received during the reporting year were investigated and documented.
	2.4: Field Screening Inlets	<p>Yes.</p> <ul style="list-style-type: none"> • Personnel have been trained in field techniques necessary for the identification of illicit discharges • A system has been put in place through the County's MS4 GIS Database to track locations of illicit discharges upon identification. • A schedule has been developed that allows for the screening of the entire MS4 system within the permit term. • Outfall screening efforts have been conducted according to the developed schedule. • Internal tracking and record keeping procedures have been developed and implemented for outfall screening results. • Records of outfall screening and investigations for each outfall and any elimination activities are maintained.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
	2.5: Sewage Facility Discharges	<p>Yes.</p> <ul style="list-style-type: none"> • A list of locally occurring non-storm water discharges that were observed by the public is maintained. • A hotline phone number for reporting of potential illicit discharges by the public has been established. The Williamson County Illicit Discharge Hotline (512-943-3330) is posted on the County's website. • Appropriate public education activities designed to inform the public of the hotline and types of potential discharges to report has been conducted (on-going program). • Internal procedures for receiving hotline phone calls has been developed. • Internal reporting forms to track reported discharges, investigation of public reports, and corrective actions associated with the elimination of illicit discharges reported by the public has been developed. • Investigations initiated by the public have been conducted if the reports are valid. All public reports received during the reporting year were investigated and documented.
	2.6 High Priority Discharge Points	<p>Yes</p> <ul style="list-style-type: none"> • Staff has begun to enter all illegal dumping complaint points into the MS4 GIS database. • In 2023, the M44 staff will review the data and determine if there are locations where dumping and illegal sediment discharge is regularly occurring.
	2.7 Spill Prevention	<p>Yes</p> <ul style="list-style-type: none"> • The Williamson County construction inspection team and other appropriate personnel are trained on hazardous materials and spill prevention and response. Every year, spill response training is provided to employees on the following topics: spill prevention methods, spill containment, emergency procedures, spill reporting, and hazardous substance inventory.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
3.0: Construction Site Runoff	3.1: Staff Training	<p>Yes.</p> <ul style="list-style-type: none"> • All Williamson County inspectors have been certified Qualified Inspectors of Stormwater. • All MS4 inspectors attended a spill response plan training on March 19, 2019.
	3.2: Construction Plan Review	<p>Yes</p> <ul style="list-style-type: none"> • Construction plans are reviewed and accepted by the Land Development Department. During the review process, the location of the construction site is verified to determine if it is within Wilco MS4 jurisdiction. The review of the erosion control plan is part of the land development review. This review is performed by a Qualified Preparer of Stormwater Compliance.
	3.3: Construction Inspection	<p>Yes.</p> <ul style="list-style-type: none"> • Qualifying construction sites are inspected using appropriate procedures and forms to ensure compliance with storm water regulations (on-going program). • Williamson County inspection personnel have been trained on construction storm water regulations and inspection procedures (on-going program).

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
		<ul style="list-style-type: none"> Voluntary on-site meetings are conducted as needed with owners and operators of local construction sites that are not in compliance with TCEQ construction storm water regulations. Letters of non-compliance are issued to owners and operators of local construction sites that do not voluntarily comply with TCEQ construction storm water regulations (on-going program).
4.0: Post-Construction Site Runoff	4.1: First Year After NOT	<p>Yes</p> <ul style="list-style-type: none"> Within one year of the final NOT, Staff must visit the site twice. The first visit must be 6 months after the NOT has been submitted and the second must be after 1 year. Staff must review the site or subdivision plan for location of vegetated areas, channels, detention ponds, and discharge points.
	4.2: Long Term	<p>Yes</p> <ul style="list-style-type: none"> After the initial first year, staff will catalogue the discharge points that discharge directly to the waters of Texas. These points will be added to the County's GIS database and inspected as part of the illicit discharge prevention program.
5.0: Pollution Prevention and Good Housekeeping for Municipal Operations	5.1: Williamson County Parks	<p>Yes</p> <ul style="list-style-type: none"> Two pet waste stations were installed in Williamson County Regional Park.
	5.2: Landfill	<p>Yes</p> <ul style="list-style-type: none"> The landfill was inspected in March 2020 and November 2020. During the inspection, we noted blown trash was being picked up on site and throughout the local area.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
	5.3: Equipment Storage and Maintenance	<p>Yes</p> <ul style="list-style-type: none"> The Williamson County equipment storage facility is responsible for housing all heavy construction equipment such as motorgrades, backhoes, gradalls, rollers and streetsweepers. The equipment storage facility is located at 3151 SE
	5.4: Fuel and Chemical Storage	<p>Yes.</p> <p>Williamson County Inspects five fuel and chemical storage facilities yearly to check for leaks or spills.</p> <p>Location A: Central Maintenance Facility - unleaded, diesel and propane - 3151 SE Inner Loop, Georgetown, TX 78626</p> <p>Location B: Florence Yard - unleaded, diesel and propane -1100 FM 970 Florence, Tx 76527</p> <p>Location C: Granger Barn - unleaded, diesel and propane - 16350 FM 971 Granger, Tx 76530</p> <p>Location D: Taylor Barn - unleaded, diesel and propane -104 Mississippi St Taylor, Tx 76574</p> <p>Location E: Round Rock Annex – propane Only - 1801 East Old Settlers Blvd Round Rock, Tx 78664</p> <p>Location F: Cedar Park Annex – propane Only - 350 Discovery Blvd Cedar Park, Tx 78613</p>

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
	5.5: County Buildings	<p>Yes</p> <ul style="list-style-type: none"> Williamson County owns 62 properties/buildings, one of which is located within the MS4 jurisdiction at 175 CR 138 Hutto, Texas. This building is the Task Force Building and is used as office space for the Sheriff's Department. Williamson County contracts out landscaping and lawncare needs per yearly contract which is available upon request.
	5.6: Vehicle Storage & Maintenance	<p>Yes</p> <ul style="list-style-type: none"> The Williamson County vehicle storage and maintenance yard is used to house county vehicles, trailers, tools and impounded cars. All county vehicles and heavy equipment are inspected and reported once a year to maintain engine performance and reduce unwanted leaks.
	5.7: Employee Communication	<p>Yes</p> <ul style="list-style-type: none"> The Williamson County stormwater team meets monthly to discuss the program processes including the illicit discharge management program. Included in this group are members of the road maintenance crews and development review personnel. Information is then disseminated to other departments and employees as needed.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
	5.8: County Road Projects	<p>Yes</p> <ul style="list-style-type: none"> Williamson County contracts all major road, stormwater and building projects to third-party development contractors. All contractors and subcontractors must demonstrate training and competency with the TCEQ General Construction Permit's (TXR150000) requirements. The contractors must obtain approved SWPPPs from the TCEQ and hire independent environmental consulting services to inspect all best management practices for compliance with the approved SWPPPs.
	5.9: Routine Road Maintenance	<p>Yes</p> <ul style="list-style-type: none"> Williamson County Road and Bridge Department performs maintenance activities such as leveling, re-paving, pothole repair, mowing, hydroseeding and culvert cleanout on portions of 1443 linear miles of roads. This work allows for regular maintenance of roads as well as maintenance of drainage systems.
6.0: Industrial Stormwater Sources		<p>No.</p> <ul style="list-style-type: none"> Williamson County is a Level 2 small MS4 and as such is not required to implement this minimum control measure. Much of this information is included in MCM #5 (Pollution Prevention and Good Housekeeping for Municipal Operations) above.

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. Use the table below to meet this requirement (**see Example 2 in instructions**):

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1.1	Community Educations	PowerPoint Presentation	0	Presentations	No. Though this BMP does not result in a direct reduction of pollutants, increasing public awareness will eventually reduce pollutants.
1.2	Garden and Lawn Educations	Monthly Presentations	12	Monthly meetings and presentations	No. Though this BMP does not result in a direct reduction of pollutants, educating citizens and providing information increases public awareness will eventually reduce pollutants.
1.3	Recycling and Household Waste	Events	2	Events	Yes. This BMP results in the collection and redirection of recyclables. Many of these items may end up in the ditches since the landfill does not take substances such as paint, old gasoline or other chemicals.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
1.4	Pet Waste Program	Pet Waste Stations	2	Pet Waste Stations	Yes. Providing a method to reduce pet waste in the parks directly reduces the bacteria loads to the local watersheds.
1.5	Public Notice	Published Notice	0	Published Notice	No. Though this BMP does not result in a direct reduction of pollutants, educating citizens and providing information increases public awareness will eventually reduce pollutants.
1.6	County Stormwater Website	Stormwater Program Information	1816	Unique Website Visits	No. Though this BMP does not result in a direct reduction of pollutants, educating citizens and providing information increases public awareness will eventually reduce pollutants.
2.1	Maintain the MS4 map	Construction Plans	0	New Outfalls Identified	No. Though this BMP does not result in a direct reduction of pollutants, adding new outfalls to the MS4 map identifies additional locations to inspect.
2.2	Illicit Discharge Employee Training	Certified Stormwater Plan Preparer Training Course	5	5 employees received renewals	No. Though this BMP does not result in a direct reduction of pollutants, training of employees will allow identification and reporting illicit discharges. Action can then be taken to remove the pollutant and track the source.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
2.3	Public Complaints	Calls or email submissions to staff	283	Total Environmental Calls	No. Though this BMP does not result in a direct reduction of pollutants, public complaints will allow identification and reporting illicit discharges. Action can then be taken to remove the pollutant and track the source.
2.4	MS4 Outfall Screening	Appearance	32	Each	Yes. When illicit discharges are observed, immediate action can be taken to remove the pollutant and track the source. Results of screenings have demonstrated pollutants to be minimal.
2.5-2.7	Illicit Discharge Hotline	Total Environmental Calls	283	Each	Yes. When illegal dumping is reported by the public or observed during field inspections, immediate corrective action can be taken to remove the pollutant.
		New Illegal Dumping Cases	205	Each	
		Previous Illegal Dumping Cases	195	Each	

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
		Corrective Action	256	Each	
3.2	Subdivision Construction Plan Review	Subdivision and Site Plan sets	141	Subdivision and Site Plan Reviews	No. Though this BMP does not result in a direct reduction of pollutants, subdivision plan reviews assures the inclusion of appropriate control measures and compliance with TCEQ regulations for storm water.
3.3	Subdivision Construction Site Inspection	Construction Sites	250	Construction Sites within the MS4 Area Inspected	Yes. When illicit discharges are observed during on-site inspections, immediate corrective action can be taken to remove the pollutant.
4.1	Post Construction Review	Post Closure Construction Sites under Warranty	0	Construction Sites within the MS4 Area Inspected	Yes. When illicit discharges are observed during on-site inspections, immediate corrective action can be taken to remove the pollutant.
5.1	Williamson County Parks	Pet Waste Stations	2	Installed Waste Stations	Yes. Providing a method to reduce pet waste in the parks directly reduces the bacteria loads to the local watersheds.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
5.2	Williamson County Landfill -	Inspections	2	Inspections per Year	No. While the inspections do not directly reduce the trash or bacteria loads in the watersheds, they do assist in monitoring and enforcement.
5.3	Equipment Storage and Maintenance Facility Inspections	Inspections	12	Inspections per Year	No. While the inspections do not directly reduce the trash or bacteria loads in the watersheds, they do assist in monitoring and enforcement.
5.4	Fuel and Chemical Storage Facilities	Inspections	5	Inspections per Year	No. While the inspections do not directly reduce the trash or bacteria loads in the watersheds, they do assist in monitoring and enforcement.
5.5	County Buildings	Inspections	1	Inspections per Year	No. While the inspections do not directly reduce the trash or bacteria loads in the watersheds, they do assist in monitoring and enforcement.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No, and explain.)
5.6	Vehicle Maintenance	Vehicle Service Records	1,213	Vehicles serviced	Yes. Inspections of all vehicles includes identifying the presence and remediation of any fluid leaks, which prevents the discharge of fluids into the stormwater system.
5.8	County Road Projects	Inspections	45	Inspections per Year	No. While the inspections do not directly reduce the trash or bacteria loads in the watersheds, they do assist in monitoring and enforcement.
5.9	Routine Road and Right of Way Maintenance	Work Orders Performed	167	Culverts Cleaned, Ditches Cleaned	Yes. Maintaining the culverts and ditches will reduce the sediment loads to local creeks and rivers.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**see Example 3 in instructions**):

5. MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain
1.0: Public Education, Outreach and Involvement	1.1: Designed power point presentation	Goal NOT Accomplished – presentation was canceled due to staffing shortage. Will be rescheduled in Year 5.
	1.2: Monthly Meetings and Presentations	Goal Accomplished – 12 meetings were held in FY 20.
	1.3: Household Hazardous Waste Events.	Goal Accomplished – Two events held in Year 4.
	1.4: Pet Waste Stations	Goal Accomplished – Two stations installed in Year 4.
	1.5: Public Notice	Goal Partially Accomplished – The Williamson County SWMP was approved by the TCEQ in February. We are still waiting for a formal approval letter to publish the SWMP.

	1.6: County Stormwater Website.	On-going program - 1816 website visits.
2.0: Illicit Discharge Detection and Elimination	2.1: Maintain the MS4 map and Outfall Inventory	On-going Program – Zero new outfalls were added to the MS4 map during Year 4.
	2.2 Illicit Discharge Employee Training	On-going Program – five employees were recertified during Year 4.
	2.3 Public Complaints	On-going Program – 283 public complaints were received during Year 4. All were investigated.
	2.4: MS4 Outfall Screening	On-going Program – 32 outfalls were screened during Year 4.
	2.5 On-site Sewage Facility Discharges	On-going Program – 26 Public nuisance complaints were investigated in Year 4.
	2.6 High Priority Discharge Points	On-going Program – The program is collecting data to analyze in Year 4.
	2.7 Spill Prevention and Response Plan	Goal Accomplished - A spill response plan was developed and staff was trained in Year 2.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain
3.0: Construction Site Runoff	3.1: Construction Inspection Procedures	On-going Program – Inspection forms and procedures were reviewed and revised to ensure compliance with TCEQ construction storm water regulations.
	3.2: Construction Plan Reviews	On-going Program – Construction plans for 62 subdivisions and 28 site plans were reviewed during Year 4
	3.3: Construction Site Inspection	On-going Program – Inspection of 250 construction sites were reviewed during Year 4. These include new subdivision construction and utility installations.
4.0 Post Construction Site Runoff	4.1 Post Warranty Construction Inspection	Goal Accomplished - Zero sites inspected since there are zero sites in the MS4 area.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain
5.0: Pollution Prevention and Good Housekeeping for Municipal Operations	5.1: Williamson County Parks	Goal Accomplished – Two pet waste stations installed in Williamson County Regional Park.
	5.2: Williamson County Landfill	Goal Accomplished - Two inspections conducted for compliance with MS4 requirements.
	5.3 Equipment Storage and Maintenance Facility Inspections	On-going Program – Equipment is checked for leaks and maintained as needed.
	5.4 Fuel and Chemical Storage Facilities	On-going Program – Chemical storage areas are checked for leaks and maintained as needed.
	5.5 County Buildings	On-going Program –The single county building in the MS4 area is inspected every year for landscaping issues and trash
	5.6 Vehicle Maintenance	On-going Program – Vehicles are checked for leaks and maintained as needed.
	5.7 Employee Communication	Goal Accomplished – Meetings have resumed in September 2021.

	5.8 County Road Projects	On-going Program – Monthly inspections of eleven new county road construction sites were performed during Year 4.
	5.9 Routine Road and Right of Way Maintenance	On-going Program – Culverts are cleaned out and ditch maintenance is performed on a regular basis as needed.

C. Stormwater 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.?

Visual observations were conducted during outfall screenings. Outfalls were screened for odor, color, clarity, floatable, deposits or stains, vegetations conditions, structural conditions, biological condition. Also, water flow was estimated and logged for each outfall. Photographs were taken of outfall structures to compare their condition to previous years' inspection.

D. Impaired Waterbodies

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. TCEQ Surface Water Viewer. *None, there are no new impaired water bodies.*

1. 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. *None, there are no streams with TMDL's in Williamson County.*

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL. [There are no streams in Williamson County listed with TMDL's](#)

3. Report the benchmark identified by the MS4 and assessment activities:

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
Not Applicable			

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

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
Not Applicable		

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

Description of bacteria-focused BMP	Comments/Discussion
Installed pet waste stations in Williamson County Parks.	The pet waste stations are designed to inform the public on the negative environmental effects of pet waste and provide an environmentally responsible method of disposal.
OSSF Enforcement	<p>The On-Site Sewage Facility Department at Williamson County helps eliminate and prevent health hazards by regulating and properly planning the location, design, construction, installation, and operation of on-site sewage disposal systems.</p> <p>A maintenance plan is also required for aerobic systems to help prevent bacteria from entering local water sources such as wells, streams, aquifers, recharge zones and lakes.</p>

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

For example, the MS4 may use the following benchmark indicators:

- number of sources identified or eliminated;
- number of illegal dumpings;
- increase in illegal dumping reported;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs); /or
- increase in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
Not applicable – we have no streams with TMDL's in Williamson County	

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
MCM 1: Public Education, Outreach and Involvement	1.1 Community Education	Staff will present a stormwater quality presentation to Georgetown High School and attempt to find other audience for this presentation.	A significant aspect of a successful stormwater management program is keeping the community well informed. The Public Education, Outreach and Involvement minimum control measure consists of BMPs focused on the development of a comprehensive program to educate the public about the impacts that stormwater discharges have on local water bodies.
	1.2 Garden and Lawn Care	The County will choose a topic related to garden/lawn care education and post material such as brochures at county offices and local retail stores.	The County will acquire, create and support the production of public education and outreach materials focused on garden and lawn care education.
	1.3 Recycling and Household Hazardous Waste	The County will hold two recycling and household hazardous waste disposal events.	Williamson County will operate a hazardous waste and recycling drop off center. The center will be open to the public and allow free hazardous waste disposal and recycling. The County will print and website media to advertise these events and provide locations for drop off centers four times throughout the year.

	1.4 Pet Waste	The County will install and maintain two additional pet waste disposal stations at a county parks.	The County will acquire, create and support the production of public education and outreach materials focused on proper disposal of pet waste. The County will work with the Parks Department to support the maintenance of pet waste disposal stations.
	1.5 Public Notice	The County will post the SWMP Notice of Intent public notice in three newspapers in the surrounding area to help educate the public.	This public announcement will be published in the Hill Country Sun.
	1.6 County Website	Continue to update Williamson County's Stormwater Management webpage with new or updated as-needed basis.	Williamson County maintains a website, https://www.wilco.org/Departments/Storm-Water-Management , for public communication regarding stormwater policies and information. The site contains the latest SWMP, any proposed changes to the SWMP, any Notice of Change submittals, general information on stormwater pollution and information on reporting illicit discharges.
	MCM 2: Illicit Discharge	2.1 MS4 Mapping	Review entire MS4 map and ensure outfalls recently constructed are included in the map. Establish a new process to include outfalls in the map during the construction inspection process.
		2.2 MS4 Training	Training will be provided for all personnel involved in on-site field screening of outfalls and
			The principal MS4 staff have been certified as Qualified Preparers of Storm Water Pollution Prevention Plans. Furthermore, members of the construction inspection staff have been certified as Qualified Compliance Inspectors of Stormwater. These certificates are valid

	construction site inspection.	for two years and then must be renewed. Staff will attend at least 4 hours of training per year to enhance their education and experience.
2.3 Public Complaints	Conduct 100% of illicit discharge investigation complaints. Document and archive 100% of the inspection results on a case by case basis by the end of each fiscal year.	Public complaints are submitted through the Illicit Discharge Hotline (512-943-3330). These complaints primarily consist of illegal dumping of trash and refuse. County workers will first investigate the complaint. If required, the site is to be cleaned up including removal of trash, sediment, and other pollutants. All complaints and work orders will be cataloged in the VUE works database. If a responsible party can be located, the case is to be referred to the constable based on the precinct.
2.4 Field Screening Inlets	Continue to screen 20% of the documented outfalls each year.	New outfalls will be identified throughout construction plan review and onsite inspections.
2.5 OSSF Discharges	Investigate all OSSF complaints by the end of the fiscal year. Maintain records of initial investigations, results, and enforcement activities.	Failing on-site sewage facilities may result in overland discharge. If a discharge is observed, it must be immediately reported to the OSSF group. Public complaints are received through the illicit discharge hotline (512-943-3330). When an OSSF complaint is received, staff has one business day to investigate and determine the appropriate response including issuing a violation notice.
2.6 High Priority Discharges	Identify all discharge points within high priority areas based on complaints logged and proximity to impaired streams.	Staff determines high priority areas based on two criteria: 1. Proximity to impaired streams.

			2. Significant number of complaints within a given time period.
	2.7 Spill Prevention and Response Plan	Identify new and existing staff who need additional training on spill response protocol and update the list of hazardous material found in the Williamson County Spill Prevention and Response Plan.	The Williamson County construction inspection team and other appropriate personnel are trained on hazardous materials and spill prevention and response. Every year, spill response training is provided to employees on the following topics: spill prevention methods, spill containment, emergency procedures, spill reporting, and hazardous substance inventory.
MCM 3: Construction Site Runoff	3.1 Construction Plan Review	Revise internal tracking and plan review procedures as appropriate to address the following issues: conformance to the latest TCEQ stormwater regulations, appropriate use of temporary erosion controls, and inclusion of any required local, state, and/or federal stormwater permit documents	Construction plans will first be reviewed and accepted by the Land Development Department. During the review process, the location of the construction site is verified to determine if it is within Wilco MS4 jurisdiction.
	3.2 Construction Site Inspection	Williamson County Staff will be responsible for inspecting all commercial, subdivision, road bond, and road maintenance activities throughout all active phases of construction to ensure stormwater compliance is achieved.	There are three types of construction activities inspected by Williamson County Stormwater Management: 1) commercial projects located within the MS4 jurisdiction, 2) road bond and road maintenance projects located outside the city limits, and 3) subdivision developments located within the MS4.

MCM 4: Post Construction	4.1 First Year after Notice of Termination	Inspect all completed construction projects within the Williamson County MS4 jurisdiction twice a year. The first site visit must be within 6 months after the NOT was submitted. The second site visit must be after one year has passed since the NOT was submitted.	Within one year of the final NOT, Staff must visit the site twice. The first visit must be 6 months after the NOT has been submitted and the second must be after 1 year. Staff must review the site or subdivision plan for location of vegetated areas, channels, detention ponds, and discharge points.
	4.2 Long Term	After the initial first year, staff will catalogue the discharge points that discharge directly to the waters of Texas. These points will be added to the County's GIS database and inspected as part of the illicit discharge prevention program	After the initial first year, staff will catalogue the discharge points that discharge directly to the waters of Texas. These points will be added to the County's GIS database and inspected as part of the illicit discharge prevention program.
MCM 5: Pollution Prevention	5.1 Williamson County Parks	The County will install two pet waste disposal stations within a County park.	These sites are susceptible to erosion and sediment loss during construction, pesticide and herbicide pollution, and horse and pet waste pollution. Erosion and sedimentation will be controlled during construction as required by the site's SWPPP. Pet waste is contained in plastic manure bags and deposited in bins. Horse Manure is collected at stable facilities and placed in dumpsters.
	5.2 Williamson County Landfill	The County will inspect the landfill and recycling sites for compliance.	The landfill is located at 600 County Road 128, Hutto, TX 78634. Waste Management Inc. is under contract to manage the landfill. The landfill is permitted through

		the TCEQ under MSW 1405B. Per MSW 1405B, all leachate and contaminated surface water will be collected and managed per the leachate management plan. Interim sediment controls include berms, silt fences, temporary vegetation, mulch, hay bales, perimeter channels and sedimentation ponds. Permanent controls include sedimentation basins, drainage channels drainage terraces, and vegetated cover.
5.3 Equipment Storage and Maintenance	Inspect equipment storage and maintenance facilities for inadequacies and compliance.	The Williamson County equipment storage facility is responsible for housing all heavy construction equipment such as motorgrades, backhoes, gradalls, rollers and streetsweepers. The equipment storage facility is located at 3151 SE Inner Loop Georgetown, TX 78626.
5.4 Fuel and Chemical Storage	Inspect each fueling station and County records once per year for compliance with TCEQ petroleum storage tank requirements	<p>Location A: Central Maintenance Facility - unleaded, diesel and propane - 3151 SE Inner Loop, Georgetown, TX 78626</p> <p>Location B: Florence Yard - unleaded, diesel and propane -1100 FM 970 Florence, Tx 76527</p> <p>Location C: Granger Barn - unleaded, diesel and propane - 16350 FM 971 Granger, Tx 76530</p> <p>Location D: Taylor Barn - unleaded, diesel and propane -104 Mississippi St Taylor, Tx 76574</p> <p>Location E: Round Rock Annex – propane Only - 1801 East Old Settlers Blvd Round Rock, Tx 78664</p>

		Location F: Cedar Park Annex – propane Only - 350 Discovery Blvd Cedar Park, Tx 78613
5.5 County Buildings	Perform at least one post construction stormwater inspection at 175 CR 138 by the end of each fiscal year	Williamson County owns 62 properties/buildings, one of which is located within the MS4 jurisdiction at 175 CR 138 Hutto, Texas. This building is the Task Force Building and is used as office space for the Sheriff’s Department. Williamson County contracts out landscaping and lawncare needs per yearly contract which is available upon request.
5.6 Vehicle Storage	Inspect 100% of county vehicles and document all inspections for reporting to TCEQ	The Williamson County vehicle storage and maintenance yard is used to house county vehicles, trailers, tools and impounded cars. All county vehicles and heavy equipment are inspected and reported once a year to maintain engine performance and reduce unwanted leaks.
5.7 County Employee Communication & Training	Meet with the stormwater team once a month to determine our stormwater needs and revise the stormwater program as necessary	The Williamson County stormwater team meets monthly to discuss the program processes including the illicit discharge management program. Included in this group are members of the road maintenance crews and development review personnel. Information is then disseminated to other departments and employees as needed.
5.8 County Road	Review and inspect all county road development projects within the MS4 at least once a month	Williamson County contracts all major road, stormwater and building projects to third-party development contractors. All contractors and subcontractors must demonstrate training and competency with the TCEQ General Construction Permit’s (TXR150000) requirements. The contractors must obtain approved SWPPPs from the TCEQ and hire independent environmental consulting services to inspect all best management practices for compliance with the approved SWPPPs.

5.9 Routine Road Maintenance	County will review the right-of-way and road maintenance procedures to determine if additional measures can be taken to minimize environmental impacts.	Williamson County Road and Bridge Department performs maintenance activities such as leveling, repaving, pothole repair, mowing, hydroseeding and culvert cleanout on portions of 1443 linear miles of roads. This work allows for regular maintenance of roads as well as maintenance of drainage systems.
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F. SWMP Modifications

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

☒ Yes ☐ No

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.

☐ Yes ☒ No

If "Yes," report on changes made to measurable goals and BMPs:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
Not Applicable		

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible, and why the replacement BMP is expected to achieve the goals of the original BMP.

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.).

G. Additional BMPs for TMDLs 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.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
Not Applicable			

H. Additional Information

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

___ Yes ☒ No

If “Yes,” provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed).

Name and Explanation: NA

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

___ Yes ☒ No

- 2.b. If “yes,” is this a system-wide annual report including information for all permittees?

___ Yes ☒ No

If “Yes,” list all associated authorization numbers, permittee names, and SWMP responsibilities of each member (add additional spaces or pages if needed):

Authorization Number: Not Applicable

Permittee: Not Applicable

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators): 0

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

___ Yes X No

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

The number of municipal construction activities authorized under this general permit	
The total number of acres disturbed for municipal construction projects	

Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. Certification

If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

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): Bill Gravell Jr. Title: County Judge

Signature:  Date: Dec 20, 2022
Bill Gravell (Dec 20, 2022 14:47 CST)

Name of MS4 Williamson County TXR040112

If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.