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Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040*327*

Reporting Year (year will be either 1, 2, 3, 4, or 5): ___3___

Annual Reporting Year Option Selected by MS4:

Calendar Year: __X____

Permit Year: _____

Fiscal Year: _____ Last day of fiscal year: (_____)

Reporting period beginning date: (month/date/year) __01/01/2021____

Reporting period end date: (month/date/year) __12/31/2021____

MS4 Operator Level: ____2____ Name of MS4: ____Travis County_____

Contact Name: __David Peyton_____ Telephone Number: __(512) 854-7686_____

Mailing Address: _700 Lavaca St. Austin TX 78701+3108_____

E-mail Address: _david.peyton@traviscountytx.gov_____

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

Region the annual report was submitted to: TCEQ Region __11-Austin____

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		

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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.)**
1.3 – Public Education and Outreach BMPs	1.3.1 - Grow Green Program	*Yes*; Information provided which affects storm water includes use of native and adapted landscape plants; landscape design; irrigation and water conservation; rain gardens; lawn, landscape, and tree care, including integrated pest management (IPM) techniques for limiting use of chemical fertilizers and pesticides.
	1.3.2 - Water Conservation and Quality Education Activities - Adult	*Yes*; Educates the public on ways they can become more environmentally active and conscious; Leads to a cleaner environment over time.
	1.3.3 - Water Science and Conservation Education Activities	*Yes*; Educates the public on ways they can become more environmentally active and conscious; Leads to a cleaner environment over time.
	1.3.4 - On-Site Sewage Facility (*OSSF*) Outreach	*Yes*; Educating the public on how to design and maintain their OSSF system; Leads to less discharges over time.
	1.3.5 - Watershed and Creek Crossing Signs	*Yes*; Increases public awareness of the major watersheds within Travis County for all county residents and visitors.

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MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
1.3 – Public Education and Outreach BMPs (continued)	1.3.6 - Construction Outreach	*Yes*; Educating the builders and public on the impacts that pollution in storm water run-off can have on water quality and the BMPs required for preventing and reducing pollutants in storm water runoff from construction activities.
	1.3.7 - Travis County Television (*TCTV*)	*Yes*; Educates the public on ways they can become more environmentally active and conscious; Leads to a cleaner environment over time.
	1.3.8 - SWMP Website	*Yes*; Educates the public on ways they can become more environmentally active and conscious; Leads to a cleaner environment over time.
1.6 – Public Involvement BMPs	1.6.1 - Public Notice for SWMP Activities	*Yes*; Provides opportunities for interested parties and stakeholders to give input and comments on SWMP activities.
	1.6.2 - Community Storm Water Initiatives	*Yes*; Support and participate in local and regional storm water management initiatives.
	1.6.3 - Open Space Acquisition	*Yes*; Sets aside permanent open space for public benefits, including water quality protection.
	1.6.4 - Household Hazardous Waste Collection	*Yes*; Collects household hazardous waste (non-commercial) and properly disposes of them at designated locations. Reduces illicit discharges with the incentive of a free service to the public.
	1.6.5 - Volunteer Participation Projects	*Yes*; Provides a variety of opportunities for community volunteer groups or individuals to participate in the implementation of SWMP control measures.

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MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
1.6 – Public Involvement BMPs (continued)	1.6.6 - Funding Conservation and Education Programs	*Yes*; Implements various environmental and conservation participation and education. programs.
2.3 - IDDE BMPs	2.3.1 – County IDDE Response Programs	*Yes*; Program to receive, respond to, and investigate illicit discharges and illegal dumping until compliance has been achieved, and the source of the illicit discharge has been eliminated.
	2.3.2 - On-Site Sewage Facility (*OSSF*) Permit Program	*Yes*; Program to review, permit, and inspect existing and new OSSF systems in the county MS4.
	2.3.3 – County-Wide Environmental Committee (CWEC)	*Yes*; Coordinates and supports joint local efforts to identify, enforce, and abate illegal dumping, as well as other types of illicit discharges and environmental crimes enforcement.
	2.3.4 - Regional Environmental Task Force (*RETF*)	*Yes*; Provides technical expertise, certified environmental law training, and assistance with case investigation and prosecution.
	2.3.5 – TCESD Spill Response Program	*Yes*; Program to respond, contain, and clean up (remediate) spills or illegal dumping of hazardous and toxic materials in and affecting the County properties and R.O.W.
	2.3.6 - Nuisance Abatement Program	*Yes*; Program to investigate and enforce public nuisance complaints on private property in the County MS4, including rubbish and junked.
	2.3.7 – Auto Salvage Yard Program	*Yes*; Program to perform industrial inspections and complaint investigations of auto wrecking & salvage yards, junkyards.

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MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
2.3 - IDDE BMPs (continued)	2.3.8 - Industrial Site Monitoring and Outreach	*Yes*; Program to monitor industrial activities in the MS4 for compliance with applicable TPDES regulations, illicit discharge prohibitions, and state industrial/municipal solid waste management requirements.
	2.3.9 - MS4 Map	*Yes*; Program to maintain and update a map of the County MS4 drainage system, new drainage structures, and county owned construction.
3.3 - Construction and Post-Construction BMPs	3.3.1 - Environmental Review Program	*Yes*; Program which reviews development permit applications for potential water quality impacts to ensure compliance with construction and post-construction County Code requirements.
	3.3.2 - Environmental Inspection Program	*Yes*; Program to evaluate construction sites in the County MS4 to ensure compliance with County Code requirements and approved construction plans.
	3.3.3 - Employee Storm Water Certification and Training	*Yes*; Ensures staff whose primary job duties are related to implementing the construction storm water Code requirements are knowledgeable, trained, or certified to conduct these activities.
	3.3.4 - Development Complaint Hotline	*Yes*; Hotline for receipt and consideration of information submitted by the public regarding stormwater issues for follow-up.
	3.3.5 - Permanent Water Quality BMP Permit and Inspection Program	*Yes*; Program to ensure long-term operation and maintenance of privately-owned permanent water quality BMPs (structural controls) completed in the County MS4 as part of the TNR development permit process.

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MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
3.3 - Construction and Post-Construction BMPs (continued)	3.3.6 - Development Permit Approval for MS4 Construction Activities	*Yes*; Processes, reviews, and approves development permits for all construction activities in the County MS4. Environmental review and permit screening processes for construction and post-construction are incorporated into this process.
5.3 – Pollution Prevention for County Ops BMPs	5.3.1 - Environmental, Health & Safety (*EHS*) Program for County Facilities	*Yes*; EHS program for County park/preserve, road, fleet O&M facilities and activities in the County MS4 by preventing and reducing pollutant runoff from County operation and maintenance (O&M) activities and County-owned areas in the MS4.
	5.3.2 - Employee Storm Water Pollution Prevention (*SWP3*) Training	*Yes*; Training program for TNR and County employees responsible for implementing the storm water pollution prevention and good housekeeping BMPs.
	5.3.3 – Pesticide Applicator Licensing	*Yes*; Provides training required by the Texas Structural Pest Control Service (SPCS) for employees performing pesticide application ensuring proper application and reducing misapplication discharges.
	5.3.4 - County Pond Inspection and Maintenance Program	*Yes*; Program to inspect and maintain all County-owned and operated structural storm water controls, using County staff and contracted services.

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MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No, and explain.)
5.3 – Pollution Prevention for County Ops BMPs (continued)	5.3.5 - Facility Waste Management and Disposal	*Yes*; Program to ensure that wastes removed from the County MS4 facilities are handled, recycled, or disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable, and the Travis County Waste Management Policy.
	5.3.6 - Roadside Litter Abatement	*Yes*; Program to respond, remove, and properly dispose of solid wastes dumped on county roadsides, including trash, debris, brush, and household items.
	5.3.7 – ESC BMPs for Maintenance Construction	*Yes*; Program to implement ESC measures and related storm water BMPs for TNR road, drainage, and park maintenance construction activities.
	5.3.8 - Closed Landfill Management	*Yes*; Program to monitor closed solid waste landfills and prevent the release of leachate.
7.3 – County Construction Activity BMPs	7.3.1 - CIP Environmental Review Program	*Yes*; Program to review and approve all County construction activities under this MCM implementing SWP3s to ensure compliance, as well as review and approve applicable post-construction BMPs.
	7.3.2 - CIP Environmental Inspection Program	*Yes*; Program to inspect and audit County construction activities implementing SWP3s to ensure compliance, as well as inspect post-construction BMPs for conformance with designed construction plans.

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**):

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MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.3.1	Grow Green Program	Educational events and number of distribution of materials	37	Events	*Yes;* educating citizens will raise awareness and potentially result in reduction of litter and other pollutants.
			7,548	Program contacts	
			39,978	Contact hours	
			12,000	Fact Sheets distributed	
			10,000	Adaptive Plant Guides distributed	
1.3.2	Education Activities - Adult	Educational events and number of distribution of materials	9	Events	*Yes;* educating citizens will raise awareness and potentially result in reduction of litter and other pollutants.
			3,426	Program contacts	
			10,278	Contact hours	

1.3.3	Education Activities - Children	Educational events and number of distribution of materials	25	Events	*Yes;* educating citizens will raise awareness and potentially result in reduction of litter and other pollutants.
			2,500	Program contacts	
			7,500	Contact hours	
1.3.4	On-Site Sewage Facility (OSSF) Outreach	Web page visits	9,592	Web page hits	*Yes;* educating citizens will raise awareness and potentially result in reduction of litter and other pollutants.
1.3.5	Watershed and Creek Crossing Signs	Install 5 new signs at 5 new watershed and creek crossing locations by end of term.	Completed; installed 10 signs at 5 locations	Implement Plan Schedule	*No;* though this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollutants by awareness.

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1.3.6	Construction Outreach	Development permit checklists	319	Nonresidential Permit Checklists	*Yes*; by having requirements, projects must consider ESC installation plans as part of their design.
			3,932	Residential Permit Checklists	*Yes*; by having requirements, projects must consider ESC installation plans as part of their design.
		Guidance documents	15	Available Documents	*No*; Though this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
		Pre-development meetings	13	Meetings Held	*Yes*; projects may be evaluated for ESC and WQ concerns and directed on how to protect water quality.
		Pre-construction Meetings	52	Meetings Held	*Yes*; establishes and confirms ESC are in place prior to construction.

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1.3.7	Travis County Television (TCTV)	Water Quality Educational Materials	4,148	Total number of individual long public broadcasts	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
			8,842	Total number of individual short public broadcasts	
			12,990	Total number of video broadcasts	
			724	Total number of hours broadcast	
			73	Number of topic videos shown (titles available upon request)	
			20	Number of public broadcasts	
1.3.8	SWMP Web Site	Program Webpage	24,768	Website hits	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.

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1.6.1	Public Notice for SWMP Activities	Public notices provided	0	CC Agenda Items	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
			0	Newspaper or Media Notices	
			0	Public Meetings	
1.6.2	Community Storm Water Initiatives	Group Participation	12 Regional Water Quality Planning Group Meetings	Meetings Attended	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
1.6.3	Open Space Acquisition	Floodplain buyout	1.7886	Ares acquired	*Yes*; conserving and preserving land from future development has a direct effect water quality via reduction of pollution in these areas.
			$187,487.60	Total cost (fencing/demo)	
		Acquisition of BCP land	621	Ares acquired	
			$15,600,020	Total cost	
		Parkland acquisition	6.1686	Ares acquired	
			$462,328	Total cost	

1.6.4	Household Hazardous Waste Collection	Participation to Support the Household Hazardous Waste Program.	$13,306	County financial contribution	*Yes*; supporting incentives such as these has a direct effect on water quality by mitigating illegal dumping and educating the public.
			16	Residents participating	
			1	Outreach events	
			384	Pounds of material collected	
			11,898	HHWC webpage hits	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
1.6.5	Volunteer Participation Projects	Opportunities for Community Volunteers	2 volunteer events	Volunteer Events	*Yes*; removal of debris, pollution, from a waterway has a direct effect on water quality.
			31 bags of trash & 20 bags of recycling	Amount of Trash Collected and Removed	

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1.6.6	Funding Conservation and Education Programs	Funding to support conservation efforts	$30,100	County financial contribution	*Yes*; removal of pollution prevents water quality impacts
2.3.1	Illicit Discharge (IDDE) Response Program	Complaint Response	306	"New Cases" opened	*Yes*; Investigating and regulating illicit discharges has a direct effect on protecting the water quality of our area.
			221	Cases Resolved	
			321	Total Investigations	
			66 by voluntary compliance, 06 by third party, 27 referred to appropriate agency	Number of sites remediated	
		Employee Training	100	Trained in IDDE	
2.3.2	On-Site Sewage Facility (OSSF) Program	OSSF Systems	607	Applications Reviewed	*Yes*; reviewing and inspecting devices to ensure functionality has a direct effect on protecting water quality.
			445	Applications Permitted	
			1,719	Sites Inspected	
			331	Issued License to Operate	

2.3.2 (continued)		Maintenance Contracts	153	Maintained Contracts Monitored	*Yes*; ensuring functionality of device has a direct effect on protecting water quality.
		OSSF Complaints	83	Complaints investigated	*Yes*; responding to complaints in a timely manner and addressing issues has a direct effect on protecting water quality.
			41	Cases resolved	
			0	Referred to legal enforcement	
2.3.3	Travis County Dumping Committee	Meetings and Participation	0	Meetings held	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
			0	Activities participated in	
2.3.4	Regional Environmental Task Force	Meetings and Training Efforts	4 Held	Meetings and training sessions held/attended	*No*; this BMP does not result in a direct reduction of pollutants, educating the citizens will potentially reduce pollution by raising awareness.
			1 Attended		
			4	County Employees Trained	
			10	No Dumping Signs distributed for installation	

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2.3.5	Spill Response Program	Hazmat Spills and Responses	8	Responses made	*Yes*; timely response and action prevent major offsite contamination to local water ways and has a direct effect on protecting water quality.
			8	Incidents resolved	
			0	Referred to enforcement	
2.3.6	Nuisance Abatement Program	Cases of Illegal waste disposal on private property	24	Responses made	*Yes*; investigation and identification of illegal dumpers has a direct effect on protecting water quality. This year's reporting effort was impacted by the lockdown caused by the Covid-19 outbreak.
			24	Incidents resolved	
			0	Referred to enforcement	
2.3.7	Junkyard & Wrecking & Salvage Yard Program	Complaint Response	15	Responses made	*Yes*; addressing concerns with junked vehicles can have a direct effect on local water quality with regards to fluid containment. Effort impacted by pandemic.
			15	Incidents resolved	
			0	Referred to enforcement	

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2.3.8	Industrial Site Monitoring and Outreach	Inventory and monitor	Completed	Annually update inventory	*Yes*; conducting regular inspections onsite has direct effect on protecting the water quality of our area by proactively addressing issues found.
			75	All sites inspected annually	
			75	Inspections Completed	
			5	NOVs issued	
		Development Permit Plan Review	0	Industrial Site Plan Reviews completed	*Yes*; reviewing plans can ensure proper controls are prescribed that can treat water quality needs onsite.
		Industrial Site Complaint response	2	Complaints received or investigated	*Yes*; conducting follow-up inspections onsite has direct effect on protecting the water quality of
			2	Cases resolved	

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2.3.8 (continued)			0	Cases referred to legal enforcement	our area by ensuring corrective actions are addressed.
2.3.9	MS4 Map	Maintaining the MS4 Map	984	Total New Drainage structures added to map	*No*; used more for location determination, MS4 Map does not have direct effect on water quality.
			192	New Permanent Water Quality Controls (PWQC) and Detention Ponds	
			70	New Outfalls	
3.3.1	Environmental Review	Review of development permit application and plats on nonresidential (NRES) and residential (RES) sites in Travis County	0 reviewed 0 reviews	Plat/Prelim in COA ETJ	*Yes*; reviewing plans can have a direct effect on water quality by ensuring proper controls are prescribed that can treat water quality needs onsite.
			6 reviewed 7 reviews	Subdivisions in COA ETJ	
			114 reviewed 175 reviews	NRES Site Plans in COA ETJ	
			19 reviewed 36 reviews	RES Site Plans in COA ETJ	
			81 reviewed 103 reviews	Plats/Prelims outside of COA ETJ	

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3.3.1 (continued)			19 reviewed 54 reviews	Subdivisions outside of COA ETJ	
			164 reviewed 209 reviews	NRES Site Plans outside of COA ETJ	
			43 reviewed 82 reviews	Residential site plans outside of COA ETJ	
3.3.2	Environmental Inspection	Inspections NRES and RES sites in Travis County	20 sites 65 inspected	NRES sites in COA ETJ	*Yes*; by conducting regular compliance inspections, County inspectors have a direct effect on protecting the quality of water in Travis County by ensuring corrective actions identified are addressed in timely manner.
			1 site 2 inspected	Subdivisions in COA ETJ	
			83 sites 145 inspected	RES sites inspected in COA ETJ	
			118 sites 1,148 inspected	NRES sites outside of COA ETJ	
			67 sites 593 inspections	Subdivisions outside of COA ETJ	
			318 sites 599 inspected	RES sites outside of COA ETJ	

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3.3.2 (continued)			30	Projects issued a Certificate of Compliance	
3.3.3	Storm Water Training and Certification	Training and certification employees based on construction storm water responsibilities	7	Employees w ENV certifications	*Yes;* the more experience and training inspectors receive, the more effective and efficient they are protecting water quality as inspectors.
			2	Training Sessions	
			26	Employees Trained	
3.3.4	Environmental Complaint Hotline	Phone hotline for public inquiries concerning environmental issues	131	Inquires received	*Yes*; by providing timely response to complaints, pollution or other environmental impacts are lessened.
			131	Responses provided	

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3.3.5	Development Permit Approval Activities	Approval of development permit applications for all construction activities in the MS4	319	Nonresidential (NRES) sites approved (COA ETJ and NON COA ETJ combined)	*Yes*; by having a permit approval process, plans are checked for proper ESC plans prior to commencement of activities onsite which will have a direct effect on protecting water quality.
			3,932	Residential (RES) permits approved (COA ETJ and NON COA ETJ combined)	
4.3.1	Permanent Water Quality Control (PWQC) Program	Issue PWQC Maintenance Permits	2	New PWQC permits issued	*No*; tracks and provides information on the functionality and maintenance needs to the control.
			5	Total PWQC permits renewed	
			24	Total Active PWQC permits	
		Maintain inventory and database	192	New PWQC and Detention Pond	*No*; tracks and provides location information to public and

4.3.1 (continued)	Permanent Water Quality Control (PWQC) Program		1199	Total number in database	inspection personnel.
		Inspection and enforcement	330	Structures Inspected	*Yes*; By making regular inspection, controls are ensured to be operating as designing with has a direct effect on treating water quality needs from developed areas. This year's effort was heavily impacted by the lockdown caused by the Covid-19 outbreak.
			333	Inspections Completed	
			16	Maintenance NOVs issued	
			0	Referred to legal for enforcement	
		PWQC Maintenance plans	9	New plans filed in Property Records at Clerk's Office	*No*; provides information on the functionality and maintenance needs to the control.
		Number of PWQC construction plan reviews by PWQC group	73 sites 127 reviews	Private Sites	*Yes*; controls are reviewed to ensure that treatment of water quality is achieved under local regulation.
			7 sites 7 reviews	Public Sites	

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5.3.1	EHS Program for County Facilities	EHS Inspection and Monitoring	11	County Facilities inspected	*Yes*; inspecting internal sites and ensuring SOPs are being properly followed has a direct effect on water quality coming off these sites.
			11	Total EHS inspections completed	
			24	Total SPCC inspections completed	
		Review and Evaluation of EHS Program	Completed	Confirm EHS Inventory	
5.3.2	Employee Storm Water Training	for TNR O&M employees	126	Employees trained	*Yes*; raising awareness of staff has a direct effect on reducing pollution events from County activities. This year's effort was heavily impacted by the lockdown caused by the Covid-19 outbreak.
			2 presenter lead online events - 26 attendees; 2 self-paced online modules – 100 attendees	Training events held	
5.3.3	Certified Applicator Licensing	Non-Commercial Certified Applicator Licensing for TNR O&M employees	8	Employees Certified	*Yes*; ensuring staff are properly training prevents incidental discharges related to work activity.
			5	Certifications Renewed	

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5.3.4	County Pond Inspection and Maintenance Program	Inspection & maintenance program for County-owned structures	156	Number of Ponds and BMPs maintained	*Yes*; ensuring functionality of control has a direct effect on protecting water quality.
			341	Number of Pond and BMP inspections completed	
			3	Maintenance Projects Completed	
5.3.5	Facility Waste Management	Management and proper disposal or recycling of materials generated or collected by TNR	2021 report in Progress; not submitted at time of this report	Prepare Annual Report for TC Waste Management	*Yes*; properly disposing of materials from County activities has a direct effect on protecting water quality.
			3,685	Gallons of waste oil	
			12	Drums of oil filters	
			not reported	Gallons of antifreeze	
			836	Number of tires	
			469	Lead-acid batteries	
			624	Cubic yards of waste disposed (Eastside)	
			208	Cubic Yards of waste disposed (Westside)	

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5.3.6	Roadside Litter Abatement	Collected from County owned property and ROW areas	3,658.49	Miles of ROW cleaned	*Yes*; removing litter and illegal dumping from the ROW has a direct effect on protecting water quality.
			1,533	Work orders performed	
			3,922.22	Cubic yards of material disposed of at the landfill	
5.3.7	ESC BMPs for Maintenance Construction	R&B maintenance and construction activities	8	Work orders performed in Program 4105 "Reconstruction"	*Yes*; using ESC in conjunction with maintenance efforts has a direct effect on protecting water quality on R&B projects.
			56	Work orders performed in Program 4111 "Level-up"	
			189	Work orders performed in Program 4120 "Drainage"	
			5	Projects inspected by ENV	
			11	Inspections completed by ENV	

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5.3.8	Closed Landfill Management	Managing the Hwy 290 East Closed Landfill	Completed	Prepare and submit Annual Landfill Status Report	*Yes*; properly managing the landfill has a direct effect on protecting water quality by ensuring proper functionality of systems.
			2,034,437	Total gallons of leachate disposed of to the Austin wastewater system	
7.3.1	CIP Environmental Review Program	ESC, SWP3 and PWQC review of CIP plans and reports	29	CIPs reviewed for SWP3 and PWQC	*Yes*; reviewing plans can ensure proper controls are prescribed that can treat water quality needs onsite during construction.
			58	Number of ENV Reviews Completed	
			9	CIPs approved	
			7	CIPs authorized by County CSN	
			169.77	Disturbed acres for CIPs authorized by County CSN this year	
			187.10	Disturbed acres for CIPs authorized by County CSN in total	

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7.3.2	CIP Environmental Inspection Program	ESC and SWP3 Monitoring and Inspection CIPs	211	SWP3 Inspection reports completed	*Yes*; conducting regular inspections ensures that ESC and SWP3 are being properly implemented onsite which helps to prevent water quality impacts offsite.
			181	3rd party SWP3 reports conducted	
			9	CIP completed construction sites	
			0	PWQC and detention ponds accepted for maintenance	*No*; inventory of internal structures accepted by TNR for internal maintenance.

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):**

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1.3.5	Produce, install, and maintain 5 new signs in 5 new locations	Completed – Installed 10 new signs at 5 locations per plan created in years 1 and 2 of the permit term.
1.6.6	Provide funding to support conservation efforts in Travis County	Completed – Travis County contributed $30,100 to the Lake Austin Cleanup effort and cleaned up 31 bags of trash and collected 20 bags of recyclable material.

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2.3.8	Complete Annual Update to Inventory	Completed – Industrial site list is verified and updated using permit information found on the TCEQ central registry.
2.3.8	Complete an Annual inspection on all Industrial Sites	Completed – All 75 Industrial sites currently in inventory were inspected.
3.3.3	Revise training materials for employees without certifications	Complete – A new one hour power point presentation was created that covered regulations and field BMPs that non-certified people could use while completing their jobs.
5.3.1	Confirm EHS facility inventory annually.	Completed – Verification complete. The total of 8 sites reported is confirmed.
5.3.1	Review and Revise 50% of EHS plan and procedures.	Completed – 4 of 8 plans were reviewed and updated as needed. Procedures were also confirmed to be current.
5.3.5	Prepare Annual Report for TC Waste Management Program	Completed in April of 2021.
5.3.8	Prepare Annual Closed Landfill Status Report for County Auditor	Completed in September of 2021.

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.?

The Travis County MS4 began a surface water quality monitoring (SWQM) program in September 2014. Twelve sites in the unincorporated area are now monitored routinely. Our program is intended to complement the City of Austin's Environmental Integrity Index (EII) that involves SWQM in the city and its fringes. In other words, if Austin is monitoring certain watersheds, Travis County does not. Like Austin, we

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monitor one-half of our sites quarterly in even-numbered fiscal years and the remaining one-half in odd-numbered fiscal years.

Travis County SWQM Sites	
FY 2021 Sites (*ended 12/31/2021*)	**FY 2022 Sites (ends 12/31/22)**
Bee Creek (trib. of Lake Travis) at Bee Creek Rd	Deer Creek at Running Deer Road (*trib. Of Lake Austin*)
Hamilton Creek (trib. of Pedernales River) upstream from Hamilton Pool	Bear Creek (*trib. of Lake Austin*) at Fritz Hughes Road
Maha Creek at Maha Loop	Cow Creek at Singleton Bend Road
Maha Creek at Linden Road	Sandy Creek at Nameless Road
Wilbarger Creek at Bitting School Rd	E Fork, Lick Creek at Pedernales Canyon Trail
Wilbarger Creek at Gregg Lane	W Fork, Lick Creek at Pedernales Canyon Trail

The conventional pollutants are sampled and preserved in accordance with typical SWQM methods used by TCEQ. Additionally, toxins in sediment were collected from five of these locations during the reporting period. The analyses are conducted and reported by NELAC-certified laboratories.

Presently, from these monitoring efforts, there are insufficient data to determine if the SWMP is successful in reducing pollutants to MEP. Over time, this may prove possible. However, the ongoing data collection is helpful in:

- verifying toxins such as hazardous metals or organic constituents are not present in these waterways;
- providing a basis for placing priorities for inspection or further investigation within a watershed; and
- understanding if pollutant sources discharging to impaired assessment units (AUs) are contributing a load associated with the pollutant of concern.

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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.

   The approved Travis County SWMP describes the five impaired waterbodies and their watershed areas that are located within the Travis County MS4, and the targeted Controls/BMPs Travis County is implementing to address discharges to these impaired watershed areas. These five impaired areas include portions of two watershed areas with an approved TMDL: Gilleland Creek and Walnut Creek (SWMP Section 9.1); and three watershed areas without an approved TMDL: Bull Creek, Lake Austin, and Slaughter Creek watersheds (SWMP Section 9.2).

   No receiving water body in the Travis County MS4 was newly listed as impaired on the EPA-approved 303(d) List during Year 2 of the third permit term. In addition, no EPA-approved TMDLs have been established during the same time frame either.

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.

Bacteria - Gilleland Creek. (*TMDL and I-Plan Approved to Address E. coli).*

The following targeted Controls/BMPs and Measurable Goals were successfully implemented as summarized below.

BMP	Major Tasks	Measurable Goals	Year 3 Results (FY21)
Increase Required Riparian Setbacks from New Development	Increase waterway setbacks in Gilleland Creek watershed to prevent an increase in bacteria load associated with new development. Setbacks are implemented from the centerline of each minor, intermediate, and major waterway within the Gilleland Creek watershed in Travis County jurisdiction.	No. of Development Applications and linear feet of setback area on each project/permit subject to waterway setback approved in the Travis County Gilleland Creek watershed	0

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Riparian Setback Land Acquisition	Addressing TMDL I-Plan Management Measure 2, Travis County Parks Division acquired stream corridor for open space and parks along Gilleland Creek.	Acres of stream area acquired	0
Public Outreach on Pet Waste	Support existing initiatives under the Gilleland Creek TMDL I-Plan to educate the public on bagging and disposing of pet waste by placement of bags near walking trail in the Travis County NE Metro Park	Estimated number of bags dispensed to public	4500
Incentivize OSSF Improvements OSSF and SWMP Program	Seek Commissioners Court approval of OSSF application fee waiver for proactive OSSF repairs proposed before being cited for violations.	No. of repairs completed after providing a fee waiver	0
Public Outreach	Update Website with incentive information and send targeted mail outs (*each year in years 2 – 5 to approximately 25% of OSSF owners in the watershed*) to describe fee waiver initiative and City of Austin cutover initiative.	No. of mail outs sent	0
Notification of Illicit Discharges	Upon discovery of a sewage overflow, Travis County staff trained to recognize illicit discharges will notify the owner of the wastewater collection system (or the OSSF Authorized Agent, if applicable) of the discharge.	No. of notifications	0

[*] *Mail outs are reported to be infeasible by OSSF group. Program centered on website information and inspector complaint response information coordination.*

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Bacteria – Walnut Creek. (*TMDL and I-Plan Approved to Address E. coli)*

The following targeted Controls/BMPs and Measurable Goals were successfully implemented as summarized below.

BMP	Major Tasks	Measurable Goals	Year 3 Results (FY21)
Incentivize OSSF Improvements	Seek Commissioners Court approval of OSSF application fee waiver for proactive OSSF repairs proposed before being cited for violations.	No. of repairs completed after providing a fee waiver	0
Public Outreach	Update Website with incentive information and send a targeted mail out to OSSF owners in the watershed to describe fee waiver initiative and City of Austin cutover initiative.	No. of mail outs sent	0
Privately Owned Permanent BMP Inspection	Travis County will implement a focused assessment of 22 PWQC structures within its jurisdiction in the Walnut Creek watershed to determine if these structures (generally, flood detention and water quality treatment impoundments) are properly operated and maintained. When not functioning or maintained properly in accordance with their design, Travis County will seek corrective action and compliance from the owner.	No. of inspections completed, NOVs issued and referred enforcement cases completed (*civil enforcement in the courts*)	0 Assessment completed in Year 2. All structures were transferred to Austin for continued monitoring and inspection on June 18, 2020.
Detection of Illicit Commercial/ Industrial Discharges	Travis County will implement a focused assessment of commercial and industrial facilities within its jurisdiction in the Walnut Creek watershed to determine if inappropriate sanitary waste management results in illicit discharges to its MS4.	No. inspections; Corrective Actions accomplished	14 inspections 1 corrective action reports issued
Construction Site Sanitary Waste Management	Travis County will update its construction site inspection practices to evaluate sanitary waste management practices by construction site owners/operators	No. inspections; Corrective Actions accomplished	0 inspections; COA has lead per ILA-no complaints received.

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Increase Required Riparian Setbacks from New Development	Increase waterway setbacks in Walnut Creek watershed to prevent an increase in bacteria load associated with new development. Setbacks are implemented from the centerline of each minor, intermediate, and major waterway within the Walnut Creek watershed in Travis County jurisdiction.	No. of Development Applications and linear feet of setback area on each project/permit in the Walnut Creek Travis County watershed area which is subject to the waterway setback.	0 applications

[*] *Reported to be infeasible by OSSF group. Program centered on website information and inspector complaint response information coordination.*

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

   Implementation thus far has occurred as of approved the approved I-Plans for the two impaired waterbodies within Travis County. Thus far Riparian Setback Land Acquisition, Public Outreach on Pet Waste and Privately Owned Permanent BMP Inspection and Construction Site Sanitary Waste Management have proven to be the most achievable target control. To date, no opportunities to utilize the other target controls identified have presented themselves.

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

Benchmark Parameter ***(Ex: Total Suspended Solids)***	**Benchmark Value**	**Description of additional sampling or other assessment activities**	**Year(s) conducted**
E. coli	Environmental Integrity Index (EII)	Travis County partners with the City of Austin to share water quality testing results cooperatively for the Gilleland Creek watershed. Currently, under the City's plan, all watersheds are monitored on a two-year rotating basis. Last collected in 2020. Data is reported via the City's EII.	2019-2020 EII score 67 indicates improvement from 2011-2020 avg of 63;

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E.coli	Geomean Data	Travis County partners with the City of Austin to share water quality testing results cooperatively for the Gilleland Creek watershed. Collection	Incomplete; *Collection of data impacted by Covid pandemic and was unavailable at time of submission.*

The County is participating in an I-plan that uses an aggregate waste load allocation of <1.51 x 1013 cfu/day for MS4 stormwater sources.

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
E. coli	Increase Required Riparian Setbacks from New Development	No applicable development applications have been received
E. coli	Riparian Setback Land Acquisition	Restricts amount of developable land along waterway that could eventually lead to more pollution
E. coli	Public Outreach on Pet Waste	Reduces potential for discarded pet waste to enter waterway
E. coli	Incentivize OSSF Improvements	No applicable development applications have been received

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E. coli	Public Outreach on OSSF repair and permitting incentives	Program centered on website information and inspector complaint response information coordination.
E. coli	Notification of Illicit Discharges	No notifications or identifications of Illicit Discharges have been identified.
E. coli	Privately Owned Permanent BMP Inspection	Effective identifying issues with water quality structures and ensuring functionality is achieved
E. coli	Detection of Illicit Commercial/Industrial Discharges	Effective in identifying corrective action issues related detection of illicit commercial/industrial discharges
E. coli	Construction Site Sanitary Waste Management	Effective in identifying corrective action issues related to waste management issues onsite

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

Description of bacteria-focused BMP	**Comments/Discussion**
Increase Required Riparian Setbacks from New Development	No applications have been received for development that would be affected by the setback in this area of the County.

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Riparian Setback Land Acquisition	Effective in limiting future development along the Gilleland Creek Corridor
Public Outreach on Pet Waste	Only utilized in Travis County properties along Gilleland Creek; NE Metro Park
Incentivize OSSF Improvements	Underutilized by County residents. No applications have been received thus far.
Public Outreach on OSSF repair and permitting incentives	Program centered on website information and inspector complaint response information coordination.
Notification of Illicit Discharges	No reports have been received via the ENV hotline or email address for this watershed.
Privately Owned Permanent BMP Inspection	Extremely effective. Identified issues at majority of sites and have worked to regain functionality through enforcement action
Detection of Illicit Commercial/Industrial Discharges	Annual inspections are conducted at identified industrial sites. 14 inspections at 14 sites were conducted this term. 1 corrective action reports were issued.
Construction Site Sanitary Waste Management	Focused on addressing issues related to staging and managing toilets onsite.

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 dumping;
   - increase in illegal dumping reported;

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- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs); or
- increase in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
Estimated number of bags dispensed to public	4,500 bags distributed
Riparian Setback Land Acquisition	0 acres acquired
No. of inspections completed on PWQC	0 inspections on PWQC were conducted
Construction Site Sanitary Waste Management	ENV inspections consider waste management onsite; County is lead on residential sites in this area and defers all other inspections to City of Austin via Interlocal agreement.
Detection of Illicit Commercial/Industrial Discharge	14 inspections conducted on 14 sites; 1 corrective action reports were issued.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
MCM 1	Watershed and Creek Crossing Signs	Produce signs in County Sign Shop and install and maintain signs per plan completed in Year 1 and 2.	Install 10 signs at 5 separate locations;

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F. SWMP Modifications

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

_X_ 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__X_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)
NA		

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)
NA			

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H. Additional Information

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

   _X_ 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: The City of Austin

The City performs construction and post-construction review and inspection requirements (*MCMs 3 and 4*) in the Austin 5-mile Extra-Territorial Jurisdiction (*ETJ*) for subdivision construction under an existing jointly adopted County Code Chapter 30 and One-Stop Shop Permit Center. Austin also performs these activities on non-subdivision construction sites in their ETJ as part of their TPDES Phase I storm water program. The City performs limited IDDE spill response in the ETJ and inspection of all commercial post-construction BMPs and most residential BMP post-construction BMPs in their ETJ. An Interlocal Agreement (*ILA*) approved in 2011 between Travis County and City of Austin for comprehensive SWMP coordination describes joint roles and responsibilities in the Austin ETJ.

Name and Explanation: The Lower Colorado River Authority (*LCRA*)

LCRA performs joint construction and post-construction plan review requirements (*MCM 3 and 4*) with Travis County in the Highland Lakes Watershed Ordinance area in western Travis County under a 2010 Interlocal Agreement between the County and LCRA.

Travis County performs the construction inspection component in this area and LCRA is responsible for the post-construction BMP inspections.

Name and Explanation: The TCEQ Edwards Aquifer Protection Program

The TCEQ, Region 11, performs construction and post-construction review and inspection requirements (*MCM 3 and 4*) on construction projects in the Barton Springs Segment of the Edwards Aquifer Recharge Zone and Edwards Aquifer Northern Segment. This program also performs these requirements on construction sites 5 acres and greater in the Barton Springs Edwards Aquifer Contributing Zone.

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

___ Yes _X_ 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: _____ Permittee:_____

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):

____4251_____

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

_X_ Yes ___ 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	169.77 acres this year; 187.10 acres in total.

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

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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): Cynthia C. McDonald

Title: County Executive, Transportation & Natural Resources Dept. (TNR)

Signature: DocuSigned by: EF94034A8DDE4C4... Date: 3/30/2022 | 10:11 AM CDT

Name of MS4: Travis County

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.