

PHASE II MS4 ANNUAL REPORT



March 2025

Prepared by:



Prepared for:

Collin County

McKinney, Texas 75069

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Collin County Phase II MS4 Annual Report - 2024 Calendar Year

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Annual Report\Collin County SWMP - Annual Report for 2024 Calendar Year -

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Document history and status

Revision	Date	Description	Ву	Review	Approved



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Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040035
Reporting Year (year will be either 1, 2, 3, 4, or 5): <u>6 repeat of year 5</u>
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) <u>1/1/2024</u>
Reporting period end date: (month/date/year) <u>12/31/2024</u>
MS4 Operator Level: 2 Name of MS4: Collin County MS4
Contact Name: <u>Tracy Homfeld</u> Telephone Number: <u>972-548-3733</u>
Mailing Address: 4690 Community Avenue, Suite 200, McKinney, TX 75071
E-mail Address: <u>thomfeld@co.collin.tx.us</u>
A copy of the annual report was submitted to the TCEQ Region: YES \underline{X} NO $\underline{\hspace{1cm}}$
Region the annual report was submitted to: TCEQ Region4
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)

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

Permittee is currently in compliance with recordkeeping and reporting requirements.

X

The SWMP and NOI were approved by TCEQ on 10/30/2023

X



	Yes	No	Explain
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)	ВМР	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1	Promote Earth-Kind Landscaping	Yes
1	Storm Water Web Site	Yes
1	Storm Water Brochures	Yes
1	NCTCOG Committee Participation	Yes
1	Collin County Adventure Camp	Yes
1	Stream Clean Up Projects	Yes
2	Storm Drain System Outfall Mapping	Yes
2	Visual Monitoring of Outfalls	Yes
2	Illicit Discharge Investigations	Yes
2	Reduce Illegal Dumping	Yes
2	Promote Used Oil Recycling	Yes
2	Hazardous Material Spill Response	Yes, but no spills were reported.
2	Reduce Failing Septic Systems	Yes
2	Illicit Discharge Training	Yes
2	Proper Pet Waste Disposal	Yes
3	Erosion Control Plan Review	Yes
3	Construction Inspection	Yes
3	Information Submitted by the Public	Yes
4	Long Term Operation and Maintenance of BMPs	Yes, but no permanent post-construction BMPs have been constructed in Collin County's regulated area that are not maintained by other entities.
5	Storm Water Pollution Prevention Training/ Facility Specific SOP Manual	Yes



MCM(s)	ВМР	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
5	Storm Sewer System Cleaning/ ROW Mowing	Yes
5	Erosion Control during Road and Bridge Maintenance and Construction	Yes
5	Metal Recycling	Yes
5	Used Tires Recycling	Yes
5	Used Oil Recycling	Yes
5	Use of Licensed Applicators for Herbicides	Yes
5	Spill Prevention Training	Yes
5	Vehicle Maintenance	Yes
5	Vehicle Washing	Yes
5	Aggregate Stockpiles	Yes
5	Vehicle Fueling	Yes
5	County Facilities and Control Inventory	Yes
5	County Operation and Maintenance Activities	Yes
5	Contractor Oversight	Yes

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):

МСМ	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	Promote Earth- Kind Landscaping	Myers Park and Event Center, Collin County Master Gardeners	1	Demonstration Garden	No. Although this BMP does not result in a direct reduction of pollutants, educating the citizens will increase awareness and decrease pollutants in stormwater.



МСМ	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	Storm Water Web Site	Update web content to include annual report, Resources link on web page	1	Web page	No. Although this BMP does not result in a direct reduction of pollutants, educating the citizens will increase awareness and decrease pollutants in stormwater.
1	Storm Water Brochures	Brochures distributed at Garden Show at Myers Park and Event Center	200 Rain Barrel brochures plus 2,551 Pet Waste brochures with adoptions	Brochures	No. Although this BMP does not result in a direct reduction of pollutants, educating the citizens will increase awareness and decrease pollutants in stormwater.
1	NCTCOG Committee Participation	Attend meetings	5	Meetings	No. Although this BMP does not result in a direct reduction of pollutants, educating the citizens will increase awareness and decrease pollutants in stormwater.
1	Collin County Adventure Camp	Education Programs	11,396 Students	Participants	No. Although this BMP does not result in a direct reduction of pollutants, educating the citizens will increase awareness and decrease pollutants in stormwater.
1	Stream Clean Up Projects	CSCD volunteer hours	458	Man-hours	Yes. Removal of trash and other debris from storm drain system reduces pollutants from entering waterbodies.
2	Storm Drain System Outfall Mapping	Outfall map	1	Мар	No. Although this BMP does not result in a direct reduction of pollutants, mapping outfalls allows for the tracing of illicit discharges when observed.



МСМ	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	Visual Monitoring of Outfalls	Outfall inspections	28	Outfalls	Yes. The visual monitoring of outfalls results in identification and removal of illicit discharges when observed.
2	Illicit Discharge Investigations	Public complaints and reporting	36	Investigations	Yes. The investigation and prosecution of illicit discharges reduces stormwater pollutants.
2	Reduce Illegal Dumping	Sheriff's reports	337	Investigations	Yes. The investigation and prosecution of illegal dumping reduces stormwater pollutants.
2	Promote Used Oil Recycling	Link to promote recycling locations	1	Web site link	No. Although this BMP does not result in a direct reduction of pollutants, educating the citizens will increase awareness and decrease pollutants in stormwater.
2	Hazardous Material Spill Response	Response calls	0	Response events	No hazmat calls received.
2	Reduce Failing Septic Systems	Complaints and inspection requests	764 OSSF Inspections (666 New OSSFs, 98 complaints)	Investigations	Yes. The inspection of septic systems reduces the number of failing systems and potential stormwater pollutants.
2	Illicit Discharge Training	Number of Training Sessions	2	Training Sessions	No. Although this BMP does not result in a direct reduction of pollutants, educating employees will increase awareness, reporting and investigation of illicit discharges and decrease pollutants in stormwater.
2	Proper Pet Waste Disposal	Completed	N/A	N/A	N/A
3	Erosion Control Plan Review	Plan review spreadsheet	20	Plan reviews	No, but the review of construction plans ensures compliance with CGP and reduces the potential of pollutants in stormwater.



МСМ	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3	Construction Inspection	Construction spreadsheet	100% of County roadway construction projects inspected, 49 inspections at 18 active residential and 17 commercial development projects.	Inspections	Yes. By inspecting construction sites, can evaluate if proper BMPs are in place to reduce sediment discharge and correct problems when observed.
3	Information Submitted by the Public	Development Services work orders	73	Complaints of unpermitted development	Yes, reports by the public leads to investigations and reduces pollutants in stormwater.
4	Long Term Operation and Maintenance of BMPs	Public works records	0	BMPs	N/A. No BMPs identified.
5	Storm Water Pollution Prevention Training/ Facility Specific SOP Manual	Training Certificates	2	Training Events	No. Although this BMP does not result in a direct reduction of pollutants, educating county workers will increase awareness and decrease pollutants in stormwater.
5	Storm Sewer System Cleaning/ ROW Mowing	Public Works records of ROW maintenance activities	23,777	Man-hours	Yes, maintenance of storm sewer system reduces pollutants in stormwater.
5	Erosion Control during Road and Bridge Maintenance and Construction	Public Works records of erosion control activities	437	Man-hours	Yes, erosion control BMPs reduces pollutants in stormwater.
5	Metal Recycling	Weight of metal recycled	123,820	Pounds	No. Recycling of materials reduces the amount of waste in landfills.
5	Used Tires Recycling	Number of tires recycled	1,623	Tires	No. Recycling of materials reduces the amount of waste in landfills.



МСМ	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	Used Oil Recycling	Volume of used oil recycled	2,200	Gallons	No. Recycling of materials reduces the amount of waste in landfills.
5	Use of Licensed Applicators for Herbicides	Applicant records	2	Licenses	No. Use of licensed applicators promotes proper use and reduces the possibility of pollutants in stormwater.
5	Spill Prevention Training	Field Report – On- site SPCC training	4	Trainees	No. Although this BMP does not result in a direct reduction of pollutants, educating county workers will increase awareness and decrease pollutants in stormwater.
5	Vehicle Maintenance	Maintenance log for Oil-Water Separator	13	Inspections, 1 cleanout	No, but regular inspections of BMPs reduces the possibility of pollutants in stormwater.
5	Vehicle Washing	Maintenance log for Grit Trap	13	Inspections, 1 cleanout	No, but regular inspections of BMPs reduces the possibility of pollutants in stormwater.
5	Aggregate Stockpiles	Inspection log	4	Inspections per site	Yes, regular inspections of BMPs allows for the timely correction of failed BMPs and reduces the possibility of pollutants in stormwater.
5	Vehicle Fueling	Leak detection reports	13	Reports per site	No, but regular inspections of fuel tanks reduce the possibility of pollutants in stormwater.
5	County Facilities and Control Inventory	Facilities Map	27	Facilities	No, but knowing the location of facilities within the regulated UA is required by the Phase 2 MS4 permit.
5	County Operation and Maintenance Activities	O&M Assessment	1	Annual assessment	No. New O&M activities, PP measures or structural controls were not identified in the 2024 assessment.



МСМ	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5	Contractor Oversight	Project records/contract documents	4	Contracts	No. Although this BMP does not result in a direct reduction of pollutants, requiring contractors to comply with County stormwater regulations will decrease the potential of pollutants in stormwater.

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.
Promote Earth- Kind Landscaping	1 demonstration garden	Met goal, the demonstration garden was maintained by Collin County and the local Master Gardeners.
Storm Water Web Site	1 Screen shot of stormwater web pages	Met goal.
Storm Water Brochures	Distribute at least 400 copies of brochures with permit applications Download and begin distributing AgriLife Extension's Stormwater Management brochure on website	Exceeded goal, distributed 2,751 copies of brochures with pet adoptions and at Garden Show.
NCTCOG Committee Participation	3 sign-in sheets	Exceeded goal, attended 5 committee meetings.
Collin County Adventure Camp	Educate at least 1000 students	Exceeded goal, 11,396 Students and 2,459 Adults educated
Stream Clean Up Projects	At least 1 clean up event	Met goal. 458 hours of CSCD volunteer litter control on 104 days in 2024.
Storm Drain System Outfall Mapping	1 Updated outfall map	Met goal, 1 updated map.
Visual Monitoring of Outfalls	1 Outfall monitoring map, Visual screening of at least 25% of outfalls	Exceeded goal, visually screened 100% of all outfalls.
Illicit Discharge Investigations	Investigate 100% of illicit discharges reported	Met goal, 36 illicit discharges were observed and reported to the County via the hotline. Complaint reports were investigated and resolved.



MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
Reduce Illegal Dumping	1 Map of known dump sites Investigate 100% of illegal dumping complaints	Met goal, 1 updated map produced and 100% of illegal dumping complaints (337) were investigated.
Promote Used Oil Recycling	1 Web page screen shot	Met goal, 1 web page maintained.
Hazardous Material Spill Response	Respond to 100% of HAZMAT calls in County jurisdiction	Met goal, no calls received.
Reduce Failing Septic Systems	Inspect 100% of new septic systems Inspect 100% of septic complaints	Met goal, inspected 100% of new OSSFs (666). Inspected 100% of reports on malfunctioning systems (98).
Illicit Discharge Training	1 Training session	Exceeded goal. Stormwater inspector attended 2 training sessions.
Proper Pet Waste Disposal	Completed in 2023	N/A
Erosion Control Plan Review	Maintain list of 100% of construction NOIs/CSNs submitted Review 100% of ESC plans	Met goal, maintained list of 100% of CSNs and NOIs submitted to County (20), reviewed 100% of erosion control plans submitted.
Construction Inspection	Inspect 100% of construction sites in jurisdiction	Met goal, inspected 100% of County roadway construction sites in jurisdiction. Also, all active residential and commercial construction sites inspected, 49 inspections.
Information Submitted by the Public	Investigate 100% of public complaints	Met goal, investigated 100% (73) of complaints of unpermitted development received from the public.
Long Term Operation and Maintenance of BMPs	1 BMP map Inspect each BMP 2 times per year	Met goal, no BMPs were identified that were not maintained by other entities. Post construction BMPs such as detention ponds in residential subdivisions are being maintained by HOAs or the private land owner whose lot it resides on. There are also detention ponds on some commercial sites that are being maintained by the business owner. If the County receives a complaint regarding any of these ponds, they respond and require mitigation. No BMPs required inspection or maintenance.
Storm Water Pollution Prevention Training/ Facility Specific SOP Manual	1 training per year Attendee list Updated SOP Manual	Met goal, No updates to the SOP manual were necessary. 2 on-line training sessions was attended by stormwater inspection personnel.
Storm Sewer System Cleaning / ROW Mowing	At least 10,000 man-hours of maintenance activities	Exceeded goal, 23,777 man-hours were expended on ROW maintenance activities.



MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
Erosion Control during Road and Bridge Maintenance and Construction	Track 100% of ROW maintenance and erosion control measures for 100% of CGP sites	Met goal, 437 man-hours were expended on erosion control activities.
Metal Recycling	Tarp and recycle 100% of accumulated recyclable metal annually	Met goal, 123,820 pounds of metal was recycled.
Used Tires Recycling	Recycle at least 400 used tires per year	Exceeded goal, recycled 1,623 tires (1,376 passenger, 231 truck, 7 tractor, 9 track).
Used Oil Recycling	Recycle at least 1,000 gallons of waste oil per year	Exceeded goal, recycled 2,200 gallons of used oil.
Use of Licensed Applicators for Herbicides	Maintain 100% of applicator licenses by staff members who applied for and received applicator training	Met goal, 2 staff members attended training to renew their Noncommercial Political Pesticide Applicator License.
Spill Prevention Training	1 training per year Attendee list	Met goal. Conducted on-site training for management staff in conjunction with SPCC updates.
Vehicle Maintenance	At least 10 inspection reports per year Clean out, as needed, at least once per permit term	Exceeded goal, inspected 13 times during the reporting period. Cleanout was conducted once on 6/14/24.
Vehicle Washing	At least 10 inspection reports per year Clean out, as needed, at least once per permit term	Exceeded goal, inspected 13 times during the reporting period. Cleanout was conducted once on 6/14/24.
Aggregate Stockpiles	4 inspection reports per year for each stockpile site	Met goal, inspected 4 sites quarterly (4 times) during the reporting period.
Vehicle Fueling	12 leak detection reports per site per year	Exceeded goal, performed 13 leak detection reports at two sites with vehicle fueling tanks during the reporting period.
County Facilities and Control Inventory	1 Updated GIS map	Met goal, 1 updated map of County facilities.
County Operation and Maintenance Activities	1 assessment results	Met goal, performed 1 annual assessment of O&M activities.
Contractor Oversight	Enforce 100% of contracts	Met goal, enforced 100% of stormwater provisions in contracts.



C. Stormwater Data Summary

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 2024 303(d) List was approved by the TCEQ on June 26, 2024. The Environmental Protection Agency approved the 2024 Texas 303(d) List on November 13, 2024. The following information was compiled from the 2024 EPA-approved 303(d) list and the Texas Integrated Report of Surface Water Quality.

Segment #	Segment Name	Segment Description	Newly Listed Yes/No	If Yes, Cause of Impairment
0820	Lake Ray Hubbard	From Rockwall-Forney Dam in Kaufman County to Lavon Dam in Collin County, up to normal pool elevation of 435.5 feet (impounds East Fork Trinity River).	No	
0820A	Cottonwood Creek	Perennial stream from the confluence with Rowlett Creek up to SH 5 (near Greenville Road).	No	
0820B	Rowlett Creek	Perennial stream from the normal pool elevation of 435.5 feet of Lake Ray Hubbard to the Parker Road crossing.	No	
0820C	Muddy Creek	From the confluence with Lake Ray Hubbard, in Dallas County, to the headwaters east of Allen, in Collin County.	No	
0821	Lake Lavon	From Lavon Dam in Collin County, up to normal pool elevation of 492 feet (impounds East Fork Trinity River).	No	
0821B	Sister Grove Creek	From the confluence with Lake Lavon in Collin County to the confluence of West Prong Sister Grove Creek/East Prong Sister Grover Creek, east of Van Alstyne in Grayson County	No	
0821C	Wilson Creek	From the confluence with Lake Lavon in Collin County, up to West FM 455, just east of Celina, Collin Co., TX.	No	
0821D	East Fork Trinity River above Lake Lavon	A portion of the East Fork Trinity River extending from the confluence with Lake Lavon (segment 0821) to the upper end of the water body in Collin County, Texas.	No	
0823D	Doe Branch	From the confluence with Lake Lewisville/Elm Fork Trinity in Denton County to the headwaters northeast of Celina, Collin Co., TX.	No	
0827A	White Rock Creek above White Rock Lake	Perennial stream from the headwaters of White Rock Lake upstream to the confluence with McKamy Branch east of the City of Addison.	No	



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

No sampling has been conducted by Collin County. The primary pollutant of concern for segments receiving stormwater from Collin County's urbanized area is bacteria.

Collin County has included several BMPs targeting the reduction of bacteria in their SWMP including:

- Pet Waste Brochures
- Reduce Illegal Dumping
- Reduce Failing Septic Systems
- Visual Monitoring of Outfalls

Description of bacteria-focused BMP	Comments/Discussion
Storm Water Brochures (Pet Waste)	The pet waste brochure was posted to the County's web site and hard copies were distributed with each pet adopt. A total of 2,751 pet adoptions were conducted in 2024. The pet waste brochure educates the public on the water quality impacts that pet waste has on area waterbodies and the benefits of proper disposal.
Reduce Illegal Dumping	337 reports of illegal dumping were investigated by the County Sheriff and subsequently cleaned up by Collin County Public Works crews. Cleanup of trash and other debris prevents potential sources of bacteria from reaching waterways.
Reduce Failing Septic Systems	98 investigations of potentially failing OSSFs were conducted by the County based on public complaints. Failing septic systems are a potential source of bacteria. By investigating and correcting failing septic systems, the County prevents bacteria from reaching waterways.
Visual Monitoring of Outfalls and Illicit Discharge Investigations	The County conducted visual monitoring of 28 outfalls. Although not specifically targeting bacteria, the detection and removal of illicit discharges will reduce potential sources of bacteria that could be present.



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

Not applicable. Part II.D.4(a) refers to impaired waterbodies with approved TMDLs. Collin County's regulated MS4 does not drain to an impaired waterbody with an approved TMDL. Collin County's regulated MS4 does not discharge directly to an impaired waterbody.

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

Not applicable. Part II.D.4(a) refers to impaired waterbodies with approved TMDLs. Collin County's regulated MS4 does not drain to an impaired waterbody with an approved TMDL. Collin County's regulated MS4 does not discharge directly to an impaired waterbody.

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

Not applicable. Part II.D.4(a) refers to impaired waterbodies with approved TMDLs. Collin County's regulated MS4 does not drain to an impaired waterbody with an approved TMDL. Collin County's regulated MS4 does not discharge directly to an impaired waterbody.

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

Not applicable. Part II.D.4(a) refers to impaired waterbodies with approved TMDLs. Collin County's regulated MS4 does not drain to an impaired waterbody with an approved TMDL. Collin County's regulated MS4 does not discharge directly to an impaired waterbody.

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

Not applicable. Part II.D.4(a) refers to impaired waterbodies with approved TMDLs. Collin County's regulated MS4 does not drain to an impaired waterbody with an approved TMDL. Collin County's regulated MS4 does not discharge directly to an impaired waterbody.



E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	ВМР	Stormwater Activity	Description /Comments
1-6	All BMPs	 Assess new permit and develop new SWMP to meet requirements 	

F. SWMP Modifications

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

V	V	NIa
Χ	Yes	No

2.	Changes hav	ve be	een made or	are	proposed	to the	e SWMP	since	the NC	I or	the
	last annual i	repoi	rt, including	chan	iges in res	sponse	e to TCE	Q's re	view.		
	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)

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.).

None.

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.



No additional BMPs are necessary for Collin County at this time. No TMDLs or I-Plans have been approved for waterbodies in Collin County's regulated MS4 area.

H. Additional Information

 Is the permittee relying on another entity to satisfy any permit obligati 	ons?
_X Yes No	
If "Yes," provide the name(s) of other entities and an explanation of the responsibilities (add more spaces or pages if needed).	ıeir
Name and Explanation: Texas AgriLife Extension Agency through the Collin County Master Garde maintain the Earth-Kind Demonstration Gardens at Myers Park and Ever Center. The County provides the land for the demonstration gardens. To cooperative agreement between the County and AgriLife was approved Collin County Commissioners on February 2, 2009.	nt Γhe
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 f permittees? Yes No	or all
If "Yes," list all associated authorization numbers, permittee names, an responsibilities of each member (add additional spaces or pages if need	
Authorization Number:Permittee:	



I. Construction Activities

 The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):
20
2a. Does the permittee utilize the optional seventh MCM related to construction?
Yes <u>X</u> 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): <u>Judge Chris Hill</u>	Title: County Judge
Signature:	Date:
Name of MS4: Collin County MS4	

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.



1.0 PURPOSE OF PROGRAM

This Storm Water Management Program (SWMP) was developed for Collin County to reduce the discharge of pollutants in storm water runoff to the maximum extent practicable (MEP) in its Municipal Separate Storm Sewer System (MS4). This Program was developed with coordination between the County and the affected stakeholders to customize a program for Collin County that meets state and federal program requirements and also utilizes current activities, addresses issues that are important to the county, and is economically feasible.

2.0 STATUS OF PERMIT COVERAGE

Collin County submitted its original NOI and SWMP to the Texas Commission on Environmental Quality (TCEQ) on February 8, 2008 for coverage under the Texas Pollutant Discharge Elimination System (TPDES) General Permit for Storm Water Discharges from Small MS4s, General Permit No. TXR040000. The general permit was reissued on December 13, 2013, January 24, 2019, and August 15, 2024.

Collin County prepared a new SWMP and submitted an NOI for coverage under the 2024 general permit on February 11, 2025. TCEQ has not yet approved the County's NOI.

Based on guidance provided by TCEQ, Year 1 of the 2024 Permit Cycle begins when the permittee's NOI is approved by TCEQ. Permittees must continue to implement BMPs contained in their 2019 SWMP until their NOI is approved under the 2024 permit.

3.0 ANNUAL REPORTING REQUIREMENTS

A concise annual report must be submitted by Collin County to the Executive Director of TCEQ within 90 days of the end of each reporting year during the permit term. The annual report must be prepared and submitted regardless of whether the County's SWMP and NOI have been approved by TCEQ. The permit term began when the TPDES Small MS4 General Permit was reissued (January 24, 2019). The reporting years and deadlines for annual reports are specified below.

The County has chosen calendar year as their reporting year for their MS4 permit. Annual reports are due 90 days following the end of their reporting year. Therefore, annual reports are due to TCEQ on March 31st of each year from 2020 through 2025. Note: 2019 permit requirements were administratively continued until the County's NOI for permit renewal is approved by TCEQ.

<u>Year</u>	Reporting Cycle	Annual Report Due Date
1	01/24/2019 - 12/31/2019	03/31/2020
2	01/01/2020 - 12/31/2020	03/31/2021
3	01/01/2021 - 12/31/2021	03/31/2022
4	01/01/2022 - 12/31/2022	03/31/2023
5	01/01/2023 - 12/31/2023	03/31/2024
6	01/01/2024 - 12/31/2024	03/31/2025

This annual report is being submitted to document activities performed during the 2024 calendar year.

A copy of the annual report must be readily available for review by authorized TCEQ personnel upon request. The report must contain a number of elements including:



- The status of the compliance with permit conditions, an assessment of the appropriateness of the identified BMPs, progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals;
- A summary of the results of information collected and analyzed, during the reporting period, including
 monitoring data used to assess the success of the program at reducing the discharge of pollutants to
 the MEP:
- If applicable, a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4s BMPs used to address the pollutant of concern;
- A summary of the stormwater activities the MS4 operator plans to undertake during the next reporting vear:
- Proposed changes to the SWMP, including changes to any BMPs or any identified measurable goals that apply to the program elements;
- Description and schedule for implementation of additional BMP's that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans. For waters that are listed as impaired after discharge authorization pursuant to Part II.D.4, include a list of such waters and the pollutant(s) causing the impairment, and a summary of any actions taken to comply with the requirements of Part II.D.4.b.;
- Notice that the MS4 operator is relying on another government entity to satisfy some of its permit obligations (if applicable);
- The number of construction activities where the small MS4 is the operator and authorized under the 7th optional MCM, including the total number of acres disturbed; and
- The number of construction activities that occurred within the jurisdictional area of the small MS4 (as noticed to the permittee by the construction operator), and that were not authorized under the 7th MCM.

4.0 BMP IMPLEMENTATION STATUS

As documented in this annual report, Collin County has implemented its SWMP effectively during the reporting period. This annual report covers activities for the 2024 calendar year from January 1, 2024, through December 31, 2024.

The annual report is organized by Minimum Control Measures with one-page summaries of the 2024 activities.





Responsible Authority *Engineering AgriLife

Appropriateness of BMP

ChangesProposed

NOC Submitted
Date:

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

PROMOTE EARTH-KIND LANDSCAPING

PE/PI-1

BMP DESCRIPTION

On the February 2, 2009 Collin County Commissioners Court approved a cooperative agreement with AgriLife Extension to conduct research and demonstration projects at Collin County's Myers Park and Event Center. The projects focus on Environmental Stewardship and Natural Resources Conservation within the landscape.

The project evaluates plant material for the landscape to determine which plants to recommend to homeowners and landscape professionals. The research identifies plants that



do not require pesticides or chemical fertilizers and require little to no supplemental irrigation. The Earth-Kind Environmental Stewardship Program's objective is to combine the best of organic and traditional gardening and landscaping principles to create a horticultural system based on real world effectiveness and environmental responsibility.

The Earth-Kind Demonstration Project is provided through a partnership between the Texas AgriLife Extension Service and Collin County's Myers Park and Event Center. A portion of the project focuses on demonstrating innovative ways to reduce the effects of storm water from parking areas. The Storm Water Management Demonstration Project consists of a Rain Garden and porous pavement on the edge of the large parking area at Myers Park. The rain garden and porous pavement are proven technologies for managing storm water runoff, reducing contaminants from entering our water ways, and preventing erosion.

Section of Population Addressed: Residents, Visitors

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

• New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The Earth-Kind demonstration gardens were maintained at Myers Park and Event Center.

Implementation Activity	Measurable Goal	Completion Date
Continue to sponsor the Earth-Kind Demonstration Garden at Myers Park	1 demonstration garden	12/31/24

Documentation Attached | X

List of Attachments: Download of County webpage advertising demonstration garden





Responsible Authority * Information Technology

Public Information Engineering

Appropriatene	98
of BMP	

\boxtimes	Yes		No
If I	No:		
	Chang	es	

	NOC Submitted
	Date

Proposed

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

STORM WATER WEB SITE

PE/PI-2

BMP DESCRIPTION

Collin County's website is nationally recognized and was named among the top county government portals in 2007. The County has developed a web page for their existing web site that specifically addresses storm water related issues. The Storm Water Web Site promotes and advertises upcoming Public Involvement events such as the Collin County Adventure Camp (PE/PI-5), Stormwater Forum Meetings (PE/PI-6), and Stream Clean-up Projects (PE/PI-7) through an on-line Community Events Calendar. The web site also publicizes illicit discharge BMPs such as Used Oil Recycling (ID-6) and Recycling Centers (ID-7). The web site has also provided NCTCOG wet weather monitoring results, illegal dumping information, subdivision regulations, and links to both the EPA and TCEQ storm water websites for additional information on NPDES/TPDES regulations.

Section of Population Addressed: Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

• New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County continually updates the storm water website with links to related web pages and content (https://www.collincountytx.gov/Services/Engineering/storm-water-program). Storm water related links are provided for online access to Collin County's TPDES Small MS4 General Permit and SWMP, Annual Reports, NCTCOG wet weather monitoring results, and illegal dumping information. Links are also provided to the EPA and TCEQ storm water websites for additional information on NPDES/TPDES regulations. The website promotes the County's Storm Water Hotline (Report-A-Polluter) and informs the public of what to report and how to report storm water violations. Additionally, the website promotes Used Oil Recycling by informing the public of the benefits and how to find a local collection center. Links are provided to 4 brochures that the County produces.

Implementation Activity	Measurable Goal	Completion Date
 Update web content to include AgriLIFE Stormwater Brochure Post annual report on website Maintain website links 	1 Screen shot of stormwater web pages	12/31/24

List of Attachments: Web Page Screen shot





* Engineering

Appropriateness
of BMP

\boxtimes	Yes		No
If I	No:		
	Chang	jes	
	Propos	sed	
	NOC S	Submit	ted

Measurable Goal Successfully Implemented?

Date ____

)

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

STORM WATER BROCHURES

PE/PI-3

BMP DESCRIPTION

These are multi-page printed materials used to convey detailed information on specific topics related to storm water management. The brochure, "The Dirty Dozen," has been added to all permit packets distributed by Collin County Development Services. Brochures that educate contractors and builders on construction SWPPPs and inform them of TCEQ construction storm water requirements are distributed as part of the all commercial building packets. The County will continue to distribute existing brochures. In Year 2, the County will develop a new brochure on the proper disposal of pet waste. Hardcopies of the brochures will be distributed by the Collin County Animal Shelter with adoption papers in order to encourage proper disposal of pet wastes. During Year 3, the County will utilize the AgriLife educational pamphlet on Stormwater Management and distribute it in digital format on their website. During Year 4, the County will distribute AgriLife brochures on proper septic tank maintenance with OSSF permits and in PDF format on the County's Storm Water Web Page (PE/PI-2). Every applicant seeking an OSSF permit, a development permit, a pool permit, or a Commercial Fire Code permit from Collin County receives digital or paper copies of the brochures.

Section of Population Addressed: Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County continues to distribute the construction storm water pollution prevention plan (SWPPP) brochure that advertises Collin County's Storm Water Website with other helpful links to resources for developing a construction SWPPP and tips for preventing storm water pollution at construction sites as part of the commercial building permit application. The County continues to distribute the brochure entitled "The Dirty Dozen" with 12 tips to prevent storm water pollution with all permit packets distributed from Collin County Development Services. The link to the Dirty Dozen, Construction Activities, and Septic Tank Maintenance brochures: https://www.collincountytx.gov/Services/Engineering/Development-Services/forms-and-documents. The County also distributes a brochure on illegal dumping on their website (https://www.collincountytx.gov/Services/Engineering/Public-Works/illegal-dumping).

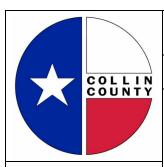
The "Doo the right thing; pick up after your pet" brochure is distributed with 100% of pet adoptions and is advertised on the Animal Services website, in the year 2024 there were 2,551 pet adoptions and brochures handed out (https://www.collincountytx.gov/Services/Animal-Services/educational-resources). Additionally,

200 Rain Barrel brochures were handed out at the Garden Show on March 16, 2024.

Implementation Activity	Measurable Goal	Completion Date
Continue to distribute existing brochures with 100% of permit applications	 Distribute at least 400 copies of brochures with permit applications 1 new septic tank maintenance 	12/31/24

Documentation Attached List of Attachments: Copies of brochures, photos from Garden show, pet adoption tally





* Engineering

•		Appi	ropri
a	teness	of B	MP
\boxtimes	Yes		Nο

lf	No:		
	<u> </u>		

Proposed
NOC Submitted

Measurable Goal Successfully Implemented?

Date

\boxtimes	Yes	No
\sim	165	INC

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

NCTCOG COMMITTEE PARTICIPATION

PE/PI-4

BMP DESCRIPTION

The NCTCOG has assembled several committees to address issues affecting the DFW service area. The County has participated in several committees in the past including the Regional Stormwater Management Coordinating Council, Public Education Task Force, and the Public Works Council. Collin County will continue to participate in NCTCOG meetings and regionally developed initiatives (RDIs) for public education.

The Regional Stormwater Management Coordinating Council (RSWMCC) is composed of 22 representatives from participating entities. Collin County is a representative for the East Fork Watershed. The Public Education Task Force is a subcommittee of the RSWMCC and was formed to develop and distribute educational materials and to conduct community outreach activities to inform the public within the MS4 service area. The Public Works Council (PWC) provides expertise and support to the NCTCOG on a wide range of local public works issues. The PWC provides continuing advice regarding the Public Works Construction Standards and comprehensive and consistent storm water management through iSWM.

Section of Population Addressed: Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, and Construction Site Personnel.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

County officials attended 5 NCTCOG committee meetings in 2024. All Public Works Council meetings were attended on February 15th, May 16th, August 15th, and November 21st, as well as a Regional Storm Water Management Coordinating Council (RSWMCC) meeting on August 21st was attended. The agendas and sign-in sheets for the meetings are attached.

Implementation Activity	Measurable Goal	Completion Date
Attend at least 3 committee meetings of interest to County staff	At least 3 sign-in sheets	11/21/24

List of Attachments: Summaries and sign-in sheets





Responsible Authority * Engineering

* Engineering
Collin County
Adventure Camp

Appropriateness
of BMP

\boxtimes	Yes		No
If N	No:		
	Chang	jes	
	Propos	sed	

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
COLLIN COUNTY ADVENTURE CAMP	PE/PI-5

BMP DESCRIPTION

In 1995, representatives of the Collin County Commissioner's Court, the YMCA, the Heard Museum, and school districts initiated a plan to construct, and operate a camp to provide life enhancing outdoor educational and recreational experiences for Collin County children and families. County bond funds were used to acquire land and construct camp facilities. The Camp is operated by the Metropolitan Dallas YMCA. The Camp opened in 2006 and its first Open House "Community Day" was attended by 500 community residents. By the Fall of 2006, over 7,000 students had attended Collin County YMCA Adventure Camp for outdoor education, and over 3,000 family and community guests attended for conferences and retreats. The Camp offers several lesson plans that are well suited for storm water education including "Taming the Land" and "Learning the Lake". In the Water Quality Lab students assess the quality of the lake water through biological sampling (using pond nets to find aquatic life), physical tests (using a Secchi disc and thermometer), and chemical tests (for dissolved oxygen and carbon dioxide).

Section of Population Addressed: Residents, Visitors

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

A total of 11,396 students and 2,459 adults participated in the Camp from January through December 2024.

Implementation Activity	Measurable Goal	Completion Date
 Continue to offer educational activities related to environmental topics including stormwater pollution Evaluate the use of other TEKS aligned programs Track numbers of students and ISDs attending 	Educate at least 4000 students	12/20/24

Documentation Attached 🖂 List of Attachments: Spreadsheet from Collin County Adventure Camp





* Road and Bridge

Appropria	teness
of BN	/IP

Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

STREAM CLEANUP PROJECTS

PE/PI-6

BMP DESCRIPTION

Collin County Road and Bridge Department coordinates stream cleanup projects. Specific sites are selected based on illegal dumping reports/complaints and needs submitted by the Sheriff's office. Access also guides site selection for convenience of the volunteers and to minimize permission requirements. One cleanup event is held each year. The County tracks the locations and the amount of debris removed from each location.

Section of Population Addressed: Residents, Public Service Employees, Businesses

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

• New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County held ongoing Cleanup Events from January through December 2024. This initiative cleaned 98 County Roads with the help of the Community Supervision and Corrections Department. These roads included road crossings of Franklin Branch, Honey Creek, Fitzhugh Branch, and other Collin County tributaries.

A total of 104 days and 458 hours were spent removing trash and debris from the County's storm drain system.

Implementation Activity	Measurable Goal	Completion Date
 Schedule and hold one cleanup event Track locations and amount of debris removed 	At least 1 clean up event	12/27/24

Documentation Attached

List of Attachments: List of County Roads cleaned

Spreadsheet of hours and days spent for the Cleanup Events





Responsible Authority * Engineering GIS / Rural Addressing

Appropriateness
of BMP

□ No

		ш	
lf l	No:		
	Chang	jes	
	Propos	sed	

Yes

NOC Submitted
Date

Measurable Goal Successfully Implemented?

	No

REPORTING PERIOD:
JANUARY 1, 2024 - DECEMBER 31, 2024

STORM DRAIN SYSTEM OUTFALL MAPPING

ID-1

YEAR 2024

BMP DESCRIPTION

To facilitate their illicit discharge detection and elimination program, Collin County has developed a storm drain system outfall map, which identifies the location of all outfalls and the names and locations of the waters of the U.S. to which they drain. The County will update outfall/storm system maps based on the 2010 census during the next permit cycle. The GIS mapping analysis will be performed to identify outfalls from roadside ditches along roads where they enter Waters of the U.S. This analysis will focus on the County's regulated UA and will intersect the county road GIS shapefile with the stream shapefile to identify outfalls. There will generally be 4 outfalls at each bridge and/or culverts under county roads where the waterbody is classified as a Waters of the U.S. If the regulated UA is only located on one side of the county road, there will only be 2 regulated outfalls. Supplemental information on outfall locations is derived from visual inspections along streambanks. Precise locations of outfalls are determined through the inspection of aerial photographs and field verification.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

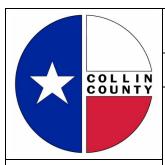
Within unincorporated Collin County, the storm drain system consists exclusively of roadside ditches. The current GIS database characterizes the storm drain system that Collin County is responsible for maintaining. This GIS database is updated regularly based on new roads and culverts installed in unincorporated Collin County. An updated UA outfall map using the 2020 urbanized area was developed for the new SWMP under the 2024 revised general permit.

Implementation Activity	Measurable Goal	Completion Date
Update storm drain outfall map for new areas of regulated UA	1 Updated outfall map	12/31/24

Documentation Attached

List of Attachments: Updated UA Outfall Map





* Public Works

Appropriatene	ess
of BMP	

No

Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
VISUAL MONITORING OF OUTFALLS	ID-2

BMP DESCRIPTION

Collin County staff performs visual monitoring in the Urbanized Areas during dry weather periods to make visual inspections for the presence of certain pollutants. If the County finds that the contamination is coming from an adjacent MS4, the County will refer the inspection results to the storm water coordinator for that municipality. The County GIS staff performed a mapping analysis to identify outfalls in Collin County's UA areas during the permit term. The outfall map was updated for new outfalls in the regulated UA based on the 2020 Census. The County will visually inspect all identified outfalls once per permit term.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County used the Outfall Reconnaissance Inventory / Sample Collection Field Sheets to perform visual monitoring of outfalls in the Collin County UA on multiple days in July, August, November, and December 2024. All 28 outfalls identified (see ID-1) were visually screened during 2024. Field sheets and photos are attached. No illicit discharge was observed at any of the 28 outfalls.

Implementation Activity	Measurable Goal	Completion Date
 Visual screening of identified outfalls in regulated UA Maintain tracking system/verify GIS map 	 Visual screening for at least 25% of outfalls 1 Outfall monitoring map 	12/31/24

Documentation Attached 🛛

List of Attachments: Outfall Reconnaissance Inventory / Sample Collection Field Sheets for each outfall

Photos from visual monitoring





* Public Works

Appropriateness of BMP

No

Yes
If No:

Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
ILLICIT DISCHARGE INVESTIGATIONS	ID-3

BMP DESCRIPTION

The County lacks the legal authority to prohibit illicit discharges and illegal connections in the unincorporated UA. The County uses Visual Monitoring of Outfalls (ID-2) to detect illicit discharges. As the County does not have "right-of-entry" typically granted by ordinances, the County seeks the voluntary cooperation of suspected dischargers. The County will visually track illicit discharges to attempt to identify the source. If illicit connections or discharges are observed from another operator's MS4, the County will notify that MS4 within 48 hours of discovery. If notification of the MS4 is not practicable, the County will notify the TCEQ regional office.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County established a local number (McKinney) and a Metro number as well as an email link that the community can use to provide comments to the Engineering Department concerning illicit discharges within the MS4. The hotline is advertised on the County's web site. Thirty-six (36) reports of illicit discharge were received on the hotline during 2024. A summary of the calls is provided in a spreadsheet. The spreadsheet documents the complaint and resolution for each call.

Implementation Activity	Measurable Goal	Completion Date
 Investigate 100% of suspected illicit discharges reported Seek voluntary compliance or refer to adjacent MS4 or TCEQ 	 Investigate 100% of illicit discharges reported 	12/31/24

Documentation Attached | |

List of Attachments: Web page screen shot of information to report illicit discharge

Spreadsheet table of complaint calls and resolution





* County Sheriff

Appropriateness of BMP

\boxtimes	Yes	No
If I	No:	

Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024 REDUCE ILLEGAL DUMPING ID-4

BMP DESCRIPTION

Illegal dumping consists of disposal of waste in undesignated areas or pouring of liquid wastes or disposal of trash down storm drains. The most effective method of curbing illegal dumping is to implement an aggressive public education program. A plan to detect and address illegal dumping is a component of illicit discharge detection and elimination MCM, mandated by the Small MS4 General Permit.

Public education programs for illegal dumping in Collin County rely on a number of methods including the Storm Water Web Site (PE/PI-2) and Storm Water Education Classes (PE/PI-1). The County web site advertises NCTCOG hotline number and the "Don't Mess with Texas" web site for reporting illegal dumping. The County aggressively investigates and enforces illegal dumping regulations as set forth in Texas Statues (Chapter 343 of the Health and Safety Code). The County also participates in the NCTCOG's Regional Stop Illegal Dumping Initiative which utilizes a hotline to report illegal dumping. The Collin County Sheriff's office investigates illegal dumping reports.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The Collin County Sheriff's office investigates illegal dumping reports. The County web site advertises the 24-hour NCTCOG hotline number for reporting illegal dumping, as well as the Public Works' general office number. See https://www.collincountytx.gov/Services/Engineering/Public-Works/illegal-dumping. The website also has a link to an illegal dumping brochure. A copy of the brochure is attached.

The GIS Department keeps a log of all known illegal dump sites in the County. The County Sheriff's office investigated 337 reports of illegal dumping during the reporting period. A list of those investigations is attached. A map of known illegal dump sites is also attached.

Implementation Activity	Measurable Goal	Completion Date
Continue existing program to combat illegal dumping	1 Map of known dump sitesInvestigate 100% of illegal dumping complaints	12/31/24

Documentation Attached

List of Attachments: Map of Illegal Dump Sites

List of illegal dumping investigations

Screen shot of web page to report Illegal dumping

Illegal Dumping Brochure





* Engineering

Appropriateness
of BMP

No

Yes

Changes
Proposed

NOC Submitted
Date ____

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
PROMOTE USED OIL RECYCLING	ID-5

BMP DESCRIPTION

Collin County has promoted used oil recycling through the storm water website (PE/PI-2). Using the link, members of the community can find out the nearest used motor oil recycling centers where they can take their used oil to and also learn about the benefits of recycling used oil. The County promotes oil recycling through various businesses that accept the oil for free.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County promotes and provides a link for more information about used oil recycling on the storm water website. The link takes users to an article by American Petroleum Institute (API) where members of the community can find information on nearby used motor oil recycling centers to recycle used oil as well as learn the benefits of recycling used oil. Within the API website, users can go to Earth911 where you can search for recycling centers for various materials within a certain distance of a zip code.

Implementation Activity	Measurable Goal	Completion Date
 Promote used oil recycling through various businesses on web site 	1 Web page screen shot	12/31/24

Documentation Attached | X

List of Attachments: Web page screen shots



	REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024	
	HAZARDOUS MATERIAL SPILL RESPONSE	ID-6	
COLLIN	BMP DESCRIPTION The County has a HAZMAT truck and certified technicians for spill response and will continue their Spill Response Program throughout the County in unincorporated areas. Collin County also coordinates spill response with the City of Plano, who has		
Responsible	a dedicated fire station that provides 24-hour, 7 days per week	spill response.	
Authority *Fire Marshal	This BMP includes spill response at County facilities as unincorporated areas of the County.	well as within the	
Appropriateness of BMP			
Proposed NOC Submitted Date	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD • New SWMP being developed to meet 2024 permit renewal.		
Measurable Goal Successfully Implemented? ☑ Yes ☐ No	PROPOSED CHANGE • None		
The Fire Marshal's Office	CURRENT REPORTING PERIOD ce reported no HAZMAT response calls during 2024. Five differen the calls including the following first responders.	t agencies were	
CCSO- Collin Count NVFD – Nevada Fire FVFD – Farmersville	Department		

BRFD – Blue Ridge Fire Department

JOFD – Josephine Volunteer Fire Department

Collin County Sheriff's office responds to incidents upon request.

Implementation Activity	Measurable Goal	Completion Date
Continue HAZMAT responsibilities in the County	Respond to 100% of HAZMAT calls in County jurisdiction	N/A — No HAZMAT response calls in 2024

Documentation Attached	

List of Attachments: None





Responsible Authority * Development Services

Appropriateness of BMP

No

Yes
If No:

Changes
Proposed

NOC Submitted
Date ____

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
REDUCE FAILING SEPTIC SYSTEMS	ID-7

BMP DESCRIPTION

The County administers the On-Site Sewage Facility (OSSF) program in Collin County. The County has regulations that help to reduce the number of failing septic systems. The County is in charge of licensing and inspection of OSSFs. Each new homeowner must re-register their septic system. Upon transfer of utility the electrical provider in the area requires that the septic system be inspected prior to setting up a new account. The County maintains a database of inspections in the County.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

Collin County Development Services Department administers the On-Site Sewage Facility (OSSF) program in the County and conducts inspections for new and malfunctioning systems. The County conducted 98 inspections of malfunctioning systems and 666 inspections for new systems during 2024. The County maintains a tracking system that records all work orders related to OSSF inspections. The tracking system documents the address of the system and comments regarding the complaint such as "septic surfacing on top of ground", "odor" etc. The tracking system also documents the County response crew, the start and end dates and the Job Order Status. The tracking system may be queried for specific data ranges. The County is also able to generate a summary report for each inspector or a summary report for all OSSF inspections.

Implementation Activity	Measurable Goal	Completion Date
Continue OSSF inspection program	Inspect 100% of new septic systemsInspect 100% of septic complaints	12/31/24

Documentation Attached | X

List of Attachments: Spreadsheet of Overall OSSF Inspections and New Inspections





* Engineering

Approp	oriateness
of	BMP

No

Yes
If No:

ChangesProposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
ILLICIT DISCHARGE TRAINING	ID-8

BMP DESCRIPTION

The Small MS4 General permit requires that all permittees implement a method for informing or training all the permittee's field staff that may come into contact with or otherwise observe an illicit discharge or illicit connection to the small MS4 as part of their normal job responsibilities. Training program materials and attendance lists must be maintained on site and made available for review by the TCEQ.

Collin County currently conducts pollution prevention training as one of the Good Housekeeping BMPs, but the training does not go into enough detail regarding illicit discharges and procedures to notify appropriate staff. The County will develop specific training for field staff on what is considered an illicit discharge, how to recognize an illicit discharge and who to notify to follow up on illicit discharges.

During Year 1, the County will identify appropriate departments and staff who will receive training and develop the training program. Sign-in sheets of training attendees will be maintained on-site and made available for review by TCEQ.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

Personnel selected for training include those that typically conduct field duties that affords them the opportunity to observe illicit discharges. The Engineering Department's Environmental Construction Specialist performs illicit discharge investigations under Visual Monitoring of Outfalls (ID-2). The Environmental Construction Specialist completed two on-line trainings on October 18th, 2024, both of which pertained to inspections and illicit discharge.

A copy the certificates of completion are provided.

Implementation Activity	Measurable Goal	Completion Date
Conduct Illicit Discharge training	• 1 training/year	10/18/24

Documentation Attached

List of Attachments: Two Stormwater One Training Certificate of Completions





Responsible Authority * Engineering Parks & Open Space Appropriateness

	- -		
\boxtimes	Yes		No
If N	No:		
	Chang	es	
	Propos	sed	

NOC Submitted
Date _____

of BMP

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
PROPER PET WASTE DISPOSAL	ID-9

BMP DESCRIPTION

The County operates and maintains several parks for use by residents and visitors to Collin County. These include Myers Park and Event Center, Parkhill Prairie, Sister Grove Park, Trinity Trail and Bratonia Park. During the next permit term, the County will assess the use of individual parks by pet owners and determine the potential for bacterial contamination from pet waste at the parks. The assessment will be completed based on surveys of maintenance staff at individual parks and will consider slope, soils, vegetation type, proximity to waterbodies and buffer zones. If the assessment determines that specific locations have the potential to be significant sources of bacteria, the County will install and maintain pet waste stations at the locations.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHAN	IGE
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None

PROGRESS DURING CURRENT REPORTING PERIOD

In the previous reporting period, an assessment of areas at risk of bacterial contamination via pet waste was conducted. During this assessment, it was determined all identified parks at risk would not benefit from the installation of pet waste stations.

Implementation Activity	Measurable Goal	Completion Date
Budget for 100% of recommended stations	1 budget, if needed	N/A — determined no pet waste stations needed

Documentation Attached	
List of Attachments:	None





* Engineering
Development Services

APPROPRIATENESS OF BMP

\boxtimes	Yes		No
If I	No:		
	Chang	jes	

Proposed

NOC Submitted

Date _____

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024 EROSION CONTROL PLAN REVIEW C-1

BMP DESCRIPTION

The urbanized area in the unincorporated areas of Collin County is contained within the ETJs of the cities and the County has interlocal agreements with each of these cities (see Appendix 1) to regulate subdivisions in their ETJ, in accordance with House Bill 1445 and Chapter 242 of the Local Government Code. Within each City's ETJ, construction plans must conform to that City's requirements. Construction plans including erosion and sediment control plans are submitted and reviewed by the Cities. For subdivisions that disturb 1 acre or more of land in unincorporated Collin County, the CGP requires the development of a SWPPP and submittal of the construction site (CSN) or Notice of Intent (NOI) to the MS4 operator (County). For each CSN or NOI submitted, the County will determine if the construction site is located in the ETJ of a city and share the information with the respective city. The County will also determine if the site is located in the County's regulated UA.

For the unincorporated areas that are outside of the ETJs, the County's authority is limited to commercial or residential building permits, which includes submittal of ESC plans for disturbances greater than 1 acre. The County's subdivision regulations were updated during the previous permit term through signed Court Order (No. 2012-828-11-05) which was adopted on November 5, 2012.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

During the reporting period, the County received 20 NOIs or CSNs. The County's tracking system records the company name, address, the date the CSN and NOI/NOC/NOT are received and whether the erosion control plan was reviewed. The Engineering Department confirms that the documents received from contractors are for construction activities within the UA under Collin County jurisdiction and performs a review of the erosion and sediment control plans and off-site drainage plans. The County performed plan reviews for each of the 20 construction sites.

Implementation Activity	Measurable Goal	Completion Date
 Verify and track 100% of NOIs/CSNs submitted to the County Review 100% of ESC plans outside of ETJ for commercial or residential building permits and enforce subdivision regulations 	 Maintain list of 100% of construction NOIs/CSNs submitted Review 100% of ESC plans 	12/31/24

Documentation Attached

List of Attachments: List of CSNs/NOIs submitted to the County

YEAR 2024

C-2





Responsible Authority

* Engineering

APPROPRIATENESS OF BMP

\boxtimes	Yes		No
If I	No:		
	Chang		
	Propos	sed	
	NOC S	Submit	ted

Measurable Goal Successfully Implemented?

Date ____

\boxtimes	Yes	No

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

CONSTRUCTION INSPECTION

BMP DESCRIPTION

As described in BMP C-1, the County has interlocal agreements with all the municipalities in Collin County granting them exclusive jurisdiction to regulate subdivisions in their ETJs.

For areas outside the ETJs, Collin County's current subdivision regulations require that the developer notify the Engineering department 48 hours prior to commencement of construction and gives Engineering the authority to inspect the construction of all drainage structures or streets during the course of construction. Inspection and tracking procedures have been developed by the County and a general inspection checklist is used to document inspections for compliance with CGP requirements.

Collin County will notify the respective city of any citizen complaints that it receives through their email reporting system (C-4) regarding construction sites located in the City's ETJ. If allowed under State and local law, the City will perform construction inspections of those sites located in the City's ETJ and share inspection results with Collin County.

As stated in the Small MS4 General Permit, non-traditional small MS4s such as counties that lack the authority to inspect construction sites shall at a minimum conduct inspections of sites operated by the County or its contractors that are located in the County's regulated area. The County conducts construction inspections of County roadway projects operated by the County or independent contractors. The County conducts inspections of all commercial, OSSF, floodplain development and driveway permits in the County.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County conducted inspections of 100% of active residential and commercial construction sites within the jurisdiction (49 inspections). A list of residential and commercial inspections is attached.

Implementation Activity	Measurable Goal	Completion Date
Perform and track construction inspections	Inspect 100% of construction sites in jurisdiction	12/31/24

Documentation Attached	\boxtimes

List of Attachments: List of Inspections





RESPONSIBLE AUTHORITY

* Engineering

Information Technology

APPROPRIATENESS OF BMP

\boxtimes	Yes	No
If I	No:	

ChangesProposed

NOC Submitted

Date ____

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

INFORMATION SUBMITTED BY THE PUBLIC

C-3

YEAR 2024

BMP DESCRIPTION

The Small MS4 General Permit requires that the County develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities. The County is required to consider the information submitted but may not need to follow-up or respond to every complaint or concern. The County is required to adopt procedures to acknowledge receipt of information (verbal and written). A tracking process will be required to document the nature of the information submitted and any follow-up activities (if warranted). This BMP will be coordinated with several of the public education or public involvement BMPs. A dedicated email address (engineer@co.collin.tx.us) and the Engineering Department phone number will be used for receipt of written and verbal comments and inquiries.

Collin County will notify the respective city with enforcement authority over the construction site of any citizen complaints that it receives through their reporting system regarding construction sites located in the City's ETJ. If allowed under State and local law, the City will perform construction inspections of those sites located in the City's ETJ and share results with Collin County.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

• New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County established a local number (McKinney), a Metro number and an email link for the community to provide comments to the Engineering Department concerning construction activities within the MS4. The hotline is advertised on the County's web site. Work orders were issued to Development Services Department to follow up on complaints regarding unpermitted fill and drainage issues. 73 complaints were received and investigated. Each work order was resolved through permitting or by inspection.

Implementation Activity	Measurable Goal	Completion Date
 Promote reporting methods (email/phone) Receive and log public comments 	Investigate 100% of public complaints	12/31/24

Documentation Attached

List of Attachments: Web page screen capture



Spreadsheet of work orders



Responsible Authority

* Engineering
Public Works
GIS / Rural Addressing

APPROPRIATENESS OF BMP

\boxtimes	Yes		No
lf I	No:		
	Chang		
	Propos	sed	
	NOC S	Submit	ted
	Date _		
Measurable Goal Successfully			

Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
LONG TERM OPERATION AND MAINTENANCE OF BMPs	PC-1

BMP DESCRIPTION

This BMP involves an inspection process to determine the effectiveness of each structural BMP installed at County facilities located within the regulated UA. Inspections will be conducted on a regular basis and maintenance will be conducted as needed to maintain the efficiency of the BMP with respect to pollutant removal.

At this time, the only permanent structural BMPs that are located within the County's regulated MS4 and that the County has maintenance requirements for are grassed swales along county roads that comprise their stormwater conveyance system. Maintenance of these grassed swales are reported under BMP GH-2, Storm Drain System Cleaning/ROW Mowing.

The County will identify and map any new post-construction BMPs that are installed at County Facilities and establish O&M procedures for those BMPs.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

At this time, the County does not have any permanent BMPs.

There are post construction BMPs such as detention ponds in residential subdivisions. Those are being maintained by HOAs or the private landowner whose lot it resides on. There are also detention ponds on some commercial sites that are being maintained by the business owner. If the County receives a complaint regarding any of these ponds, County personnel responds and requires mitigation, but the County does not maintain.

The County will continue to assess annually whether permanent BMPs have been constructed within the regulated UA.

Implementation Activity	Measurable Goal	Completion Date
 Maintain the map of permanent BMPs that require inspection and maintenance by the County Inspect semi-annually and maintain as needed 	1 BMP map Inspect each BMP 2 times per year	N/A – No BMPs identified

Documentation Attached		None
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* Engineering

APPROPRIATENESS
of BMP

ChangesProposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

STORM WATER POLLUTION PREVENTION TRAINING / FACILITY SPECIFIC SOP MANUAL

GH-1

BMP DESCRIPTION

The County conducts stormwater pollution prevention training annually to educate staff on proper storm water pollution prevention techniques. The training course may be held in-house or by computer-based training modules that are reviewed by staff. The following departments receive pollution prevention training: Engineering, Development Services, Equipment Services, Facilities Maintenance, Road and Bridge, and Fire Marshal. The employee training should include the following if applicable: park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations. A facility specific SOP manual was developed during the first permit term for use during annual pollution prevention training. This manual will be reviewed annually and undated as needed. Each trainee will be required to sign an attendance sheet acknowledging that they received the training.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The BMP/SO manual was reviewed in 2024 and no updates to the manual were needed.

The Engineering department underwent stormwater training, specifically Mike Sullivan, the County's Environmental Construction Specialist. He completed two Stormwater One trainings on October 18th, 2024, both of which pertained to stormwater best management practices (BMPs).

A copy of both Stormwater One training certificates of completion are provided.

Implementation Activity	Measurable Goal	Completion Date
 Review and update SOP manual and curriculum, if needed Hold 1 storm water training session for designated employees 	1 training per year, attendee list	10/18/24

Documentation Attached

List of Attachments: Both Stormwater One Training Certificates of Completion

BMP/SO manual





Responsible Authority * Public Works/ Road and Bridge Maintenance

APPROPRIATENESS
of BMP

\boxtimes	Yes	Ш	No
If N	No:		
	Chang	es	

NOC Submitted
Date

Proposed

Measurable Goal Successfully Implemented?

X	Yes	<u> </u>	0

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

RIGHT-OF-WAY (ROW) MAINTENANCE

GH-2

BMP DESCRIPTION

The storm drain system in unincorporated Collin County consists of roadside ditches that are maintained by the County Public Works, Road and Bridge Department as part of the ROW maintenance program. The purpose of this management practice is to reduce the amount of debris, trash and other pollutants in the storm drain system through maintaining and cleaning of roadside ditches and ROWs on a regular basis.

The Road and Bridge Division currently maintains roadside ditches and ROW through a periodic inspection and preventative maintenance program. The County utilizes log books and a work order system to document the preventative maintenance of the ROW.

Material removed from the ROW is used as fill if possible and stabilized with erosion control mats and vegetated with a seed mixture. If contamination is suspected, the material is tested and taken to an approved site for disposal. The County currently uses the North Texas Municipal Water District landfill in Melissa for disposal of floatables.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County continued its on-going program of inspection, cleaning and maintenance of the ROW. The Public Works Road and Bridge Department maintains a log of all activities conducted. Monthly Reports for January to December 2024 have been generated for all maintenance activities, defined by County Road number and activity type. A total of 23,777 man-hours were spent on ROW maintenance activities during the reporting year. The breakdown of individual activities is listed below.

Clean/Repair Culverts – 635 hrs. Clearing-Grubbing – 31 hrs. Drainage Ditch Regrading – 1868 hrs. Dumpsite Cleanup – 1228 hrs. Maintenance Grading – 437 hrs Tree-Brush cutting – 8655 hrs. Inspect/Size Culverts – 1564 hrs. Herbicide Treatment – 764 hrs. Install Culverts/Bands – 2086 hrs. Roadside Litter Control – 186 hrs. Mow-ROW – 6110 hrs.

Weed eating – 213 hrs.

surable Goal Completion Da

Implementation Activity	Measurable Goal	Completion Date
 Continue inspection, cleaning and maintenance Update maintenance/cleaning log 	At least 10,000 man-hours of maintenance activities	12/31/24





• *Public Works / Bridge Maintenance

APPROPRIATENESS OF BMP

Yes No

ChangesProposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

EROSION CONTROL DURING ROAD AND BRIDGE MAINTENANCE AND CONSTRUCTION

YEAR 2024

GH-3

BMP DESCRIPTION

The goal of this BMP is to reduce pollutant loads which may result from the routine maintenance or repairs to roadways and bridges or construction of new county roads. Routine maintenance of roads and bridges and maintenance of erosion and sediment control BMPs can alleviate the impacts of various pollutants including heavy metals, hydrocarbons and sediment that are typically deposited on streets and bridges.

The County uses Curlex erosion control mats and socks that are filled with aspen shavings at all construction sites and complies with the TPDES Construction General Permit (CGP). After maintenance activities are completed, the areas are seeded with a seed mixture consisting of Rye, Bermuda, Foxtail, or Fescue depending on the season for stabilization. Construction site notices and NOIs will be tracked through BMP C-1.

Material removed during roadway upgrades, bridge maintenance, and drainage ditch maintenance is used as fill if possible and stabilized with erosion control mats and vegetated with a seed mixture. If contamination is suspected, the material is tested and taken to an approved site for disposal. The County currently uses the North Texas Municipal Water District landfill in Melissa for disposal of floatables.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County Road and Bridge Department maintains a work order system for all road and bridge maintenance. The County utilizes erosion and sediment control practices regardless of the size of the disturbed area. The County's Time and Materials work order system documents the date of maintenance, location, employees, and labor and material costs associated with the maintenance activities. The maintenance is divided into task codes for different activities including: Silt Fence-Wire (Task 701), Berm Construction (Task 702), Installation of Erosion Control Mats (Task Code 700), SWPPP Inspections (Task Code 514), and Grass Seeding (Task Code 725).

A total of \$14,968 of erosion control materials were installed and 437 man-hours were expended on erosion control activities during the reporting year.

Implementation Activity	Measurable Goal	Completion Date
Maintain work order system and erosion & sediment control BMPs during activities as required by the TPDES CGP	Track 100% of ROW maintenance and erosion control measures for 100% of CGP sites	12/31/24

Documentation Attached

List of Attachments: Time and Material Logs for erosion control





*Public Works

APPROPRIATENESS OF BMP

\boxtimes	Yes	No
lf l	No:	

Changes	
Proposed	

NOC Submitted
Date

Measurable Goal Successfully Implemented?

Yes □	No
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REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
METAL RECYCLING	GH-4

BMP DESCRIPTION

This BMP involves the proper storage of metals at County facilities to prevent or reduce the discharge of pollutants to storm water. This BMP involves storing metals in a designated area, under cover to reduce exposure to storm water, inspecting the storage areas frequently and training employees. Used metal is recycled through a contact with Garland Steel. The metal is picked up on a monthly basis to minimize storage times. Any metal that requires temporary outdoor storage is covered with a tarp to prevent contact with storm water.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County was able to discard or recycle much of the stored metal through contracts with Geomet Recycling. The remainder of the metal has been moved to an indoor storage building to prevent exposure to storm water to the maximum extent possible. Any metal that requires temporary outdoor storage has been covered with a tarp to prevent contact with storm water.

The County recycled a total of 123,820 pounds of metal during 2024.

Implementation Activity	Measurable Goal	Completion Date
Continue recycling and storage procedures	Tarp and recycle 100% of accumulated recyclable metal annually	12/31/24

Documentation Attached

List of Attachments: Recycled metal receipts

Summary spreadsheets Photos of tarped metal





*Public Works

APPROPRIATENESS
OF BMP

\boxtimes	Yes	No
If I	No.	

Changes	
Proposed	

NOC Submitted
Date

Measurable Goal Successfully Implemented?

🛛 Yes 🗌	No
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REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
Heen Tipe Recycling	GH-5

BMP DESCRIPTION

This BMP involves the proper storage of used tires at County facilities to prevent or reduce the discharge of pollutants to storm water. This BMP typically involves storing material in a designated area, inspecting the storage areas frequently and training employees. The County has designed material storage areas for used tires that are stored at two of the County facilities, the Public Works Service Center and the Farmersville County facility. The County keeps storage times to a minimum with 20 scheduled pickups during the year depending on need, which take place on at least a monthly basis. The tires are tarped during storage to prevent exposure to rain water.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

• New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County recycled 1,623 used tires (1,376 passenger tires, 231 truck tires, 7 tractor tires, 9 track tires) during 2024. The storage time is kept to a minimum. During storage, the used tires are tarped or stored inside a semi-truck to prevent exposure to precipitation.

Implementation Activity	Measurable Goal	Completion Date
Continue to recycle used tires	Recycle at least 400 used tires per year	11/19/24

Documentation Attached 🛛

List of Attachments: Used tire disposal log

Photo of used tire storage inside semi-truck





Responsible Authority *Public Works/ Equipment Services

APPROPRIATENESS OF BMP

If No:
Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
USED OIL RECYCLING	GH-6

BMP DESCRIPTION

Used oil collection and recycling programs provide a responsible alternative to disposal that is beneficial to the environment and public health. Collin County currently collects and recycles used motor oil and filters from the Public Works Service Center. The County documents the recycling of automotive fluids and provides trip tickets from the disposal contractor.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County recycled a total of 2,200 gallons of used motor oil during 2024 on the following dates: 2/8, 5/8, 8/29. Safety-Kleen Systems, Inc. provided waste manifests to document the quantities of used oil recycled. Copies of the waste manifests are attached.

Implementation Activity	Measurable Goal	Completion Date
Continue used oil collection and recycling program at the Public Works Service Center	Recycle at least 1,000 gallons of waste oil per year	8/29/24

Documentation Attached

List of Attachments: Used oil recycling log / Waste manifests

GH-7





Responsible Authority *Public Works Parks and Open Space

A PPROPE	RIATENESS
OF I	3MP

\boxtimes	Yes	No
If I	No.	

Changes	
Proposed	

NOC Submitted
Date

Measurable Goal Successfully Implemented?

\boxtimes	Yes	No

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024 YEAR 2024

USE OF LICENSED APPLICATORS FOR HERBICIDES

BMP DESCRIPTION

This program focuses on education and certification of County employees to reduce water quality impacts from pesticides. Education is provided on proper storage and application techniques. This certification program is administered by the Texas Department of Agriculture and provides information on alternative pest control techniques and explains dosage calculations. The certification program requires an annual exam and continuing education credits for recertification. The County's applicators are licensed as Non-commercial Applicators for restricted-use or state-limited-use pesticides. Non-commercial applicators must renew annually and obtain five CEUs each year with one credit each from two of the following categories: laws and regulations, integrated pest management or drift minimization. The County will require their applicators to maintain their licenses and attend annual training classes and retain copies of their licenses for submittal with the annual reports.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None.

PROGRESS DURING CURRENT REPORTING PERIOD

The County sent 2 staff members to training for maintenance of their Noncommercial Political Pesticide Applicator License. The licenses for County staff were issued on 11/30/24 and expire one-year from date of issuance. Licenses are Texas Department of Agriculture Category 5 for vegetation management.

A copy of licenses with expiration dates through 11/30/25 are provided.

Implementation Activity	Measurable Goal	Completion Date
 Annual training for applicators Document training and copies of licenses 	 Maintain 100% of applicator licenses by staff members who applied for and received 	11/30/24

Documentation Attached

List of Attachments: Copy of licenses





*Public Works

APPROPRIATENESS
OF BMP

No

\boxtimes	Yes	
If I	No.	

Changes	
Proposed	

NOC Submitted	
Date	

Measurable Goal Successfully Implemented?

⊠ Yes		No
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REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
SPILL PREVENTION TRAINING	GH-8

BMP DESCRIPTION

The County has 20 employees that are trained and certified in spill prevention. The 8-hour training is conducted annually by Sigma Consultants. The County has spill response kits at the service centers with a 30' long sock boom for large spills and absorbent pads for smaller spills. The spill response kits contain Tyvex suits and personal protection equipment for employee safety. The annual spill prevention training refreshes the employee's knowledge of spill prevention, cleanup and personal protection equipment.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

• None

PROGRESS DURING CURRENT REPORTING PERIOD

The County hired LJA Engineering to update their Spill Prevention, Control, and Countermeasures (SPCC) Plan in April 2024. LJA Engineering conducted a site visit and evaluation of the County Service Center on April 23, 2024. During this site visit, recommendations were made for proper oil spill prevention. Four (4) staff members attended the evaluation and received the recommendations and on-site training.

Implementation Activity	Measurable Goal	Completion Date
Continue annual spill prevention training of County staff	1 training per year and attendee list	4/23/24

Documentation Attached

List of Attachments: SPCC Site Visit Field Report





Responsible Authority *Public Works / Equipment Services

APPROPRIATENESS OF BMP

\boxtimes	Yes		No
If I	No:		
	Chang	es	

Proposed

NOC Submitted
Date:

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
VEHICLE MAINTENANCE	GH-9

BMP DESCRIPTION

This BMP involves the development of a program that focuses on controlling pollutants and reducing storm water impacts from the County's automobile maintenance shop. Vehicle maintenance facilities typically contain significant quantities of fuels, solvents and motor oils and often generate large amounts of waste. Preventative measures such as good housekeeping, spill control, parts cleaning and recycling of automotive fluids including antifreeze, waste oil, transmission and hydraulic fluid are necessary to minimize the impacts of this generated waste.

The Collin County Public Works Service Center performs maintenance on County vehicles. A central floor drain within the fleet maintenance shop drains through an oil/sand separator before being discharged to the sanitary sewer. The soil/sand separator must be maintained on a regular basis to function properly. The County will continue to maintain the oil/sand separator and document these maintenance activities as part of their SWMP.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

• New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The oil/sand separator located at the maintenance shop was inspected monthly during 2024. The oil/sand separator was visually inspected on 13 dates as shown on the attached maintenance log. Maintenance needs were assessed monthly following inspections. Based on the visual inspections, cleanout was conducted on 6/14/24.

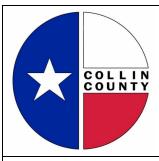
Implementation Activity	Measurable Goal	Completion Date
 Inspect oil/sand separator at least 10 times per year Clean oil/sand separator as- needed but at least once per permit term 	 At least 10 inspection reports per year 1 clean out per permit term 	12/31/24

Documentation Attached | |

List of Attachments: Maintenance log

Clean out invoice





Responsible Authority *Public Works/ Equipment Services

APPROPRIATENESS OF BMP

\boxtimes	Yes	No
lf l	No:	

Changes	
Proposed	

NOC Submitted
Date

Measurable Goal Successfully Implemented?

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REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024 VEHICLE WASHING GH-10

BMP DESCRIPTION

This pollution prevention measure focuses on education efforts to inform County employees of the water quality impacts that result from the outdoor washing of vehicles and measures that can be taken to prevent the runoff from entering the storm drain system. Practices such as selecting low phosphate and biodegradable detergents can reduce receiving water impacts.

The County has a covered wash bay at the Public Works Service Center which utilizes a pre-wash and wash water is treated through a grit trap. Proper maintenance of the grit trap is conducted on a regular basis. The County inspects the grit trap at least twice per year and maintains the trap, as need (at least annually).

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The grit trap located at the car wash was inspected monthly during 2024. The grit trap was visually inspected on 13 dates as shown on the attached maintenance log. Based on the visual inspections, cleanout was performed on 6/14/24.

Implementation Activity	Measurable Goal	Completion Date
 Inspect grit trap at least 10 times per year Clean grit trap as-needed but at least once per permit term 	 At least 10 inspection reports per year 1 clean out per permit term 	12/31/24

Documentation Attached

List of Attachments: Maintenance log

Clean out invoice





Responsible Authority *Public Works/ Road and Bridge

APPROPRIATENESS OF BMP

Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
AGGREGATE STOCKPILES	GH-11

BMP DESCRIPTION

This practice involves the development of a program to properly store road sand and aggregate. Proper storage and application can prevent the transport of the material with runoff. Stockpiles of sand and other road base materials are located at all four of the County Facilities: the Public Works Service Center in McKinney, the Farmersville Facility, the Weston Facility, and the Copeville Facility. The County maintains erosion control BMPs (silt fence or socks) around stockpile areas to prevent the transport of material off-site. The County also inspects these BMPs quarterly and replaces or repairs the BMPs as necessary.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The aggregate stockpile areas were inspected quarterly and documented on the Public Works Road and Bridge BMP Inspection Forms. Based on the inspections, erosion control practices (berms, silt fence or filter socks) were replaced, repaired or maintained. Inspections at the Copeville and Farmersville stockpiles occurred on 2/16/24, 5/2/24, 9/12/24, and 12/19/24. Inspections at the McKinney and Weston stockpiles occurs on 2/15/24, 5/7/24, 9/9/24, and 12/19/24.

Implementation Activity	Measurable Goal	Completion Date
Inspect quarterly and maintain erosion control BMPs around stockpile sites	4 inspection reports per year for each stockpile site	12/31/24

Documentation Attached 🛛

List of Attachments: BMP Inspection Forms for Aggregate Stockpiles for 4 County facilities





Responsible Authority *Public Works/ Equipment Services

APPROPRIATENESS OF BMP

\boxtimes	Yes	No
If I	No:	

Changes
Proposed

NOC Submitted
Date

Measurable Goal Successfully Implemented?

\boxtimes	Yes	П	No

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
Vehicle Fueling	GH-12

BMP DESCRIPTION

This best management practice involves the education of County employees on the potential water quality impacts that can result from discharges associated with fueling stations and the development of procedures to minimize or prevent discharges. The County dispenses fuel at two locations, the Public Works Service Center and the Farmersville Facility. The County maintains spill prevention control and countermeasure (SPCC) plans for both facilities. The County also maintains absorbent material at all fuel islands for small spills and spill kits for larger spills. The County utilizes a canopy over the fuel island at the Public Works Service Center to prevent contact of rainwater with the fueling station. This site utilizes 2 underground storage tanks, one stores 6,000 gallons of automobile fuel and the other stores 12,000 gallons of diesel. The County's Farmersville Facility dispenses gasoline and diesel fuel from a two-chambered vaulted above ground storage tank that stores 10,000 gallons. The Farmersville fueling area is also covered. The County also has an underground storage tank at the Justice Center which provide fuel for generators.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County maintains updated a Spill Prevention Control and Countermeasure Plan for Equipment Services at the Public Works Service Center on Wilmeth Road and the Farmersville Facility. The current plans were updated in 2024 and certified by a Professional Engineer.

Leak detection tests were conducted on a monthly basis during 2024 for the underground storage tanks located at the Justice Center and the Wilmeth Road Service Center with passing results. Results of leak detection tests are attached.

Implementation Activity	Measurable Goal	Completion Date
Maintain compliance with SPCC plan	12 leak detection reports per site per year	12/31/24

Documentation Attached

List of Attachments: Leak detection reports for each facility





Responsible Authority *GIS

APPROPRIATENESS OF BMP

- Changes
 Proposed
- NOC Submitted
 Date

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

COUNTY FACILITIES AND CONTROL INVENTORY

GH-13

BMP DESCRIPTION

The Small MS4 General Permit requires that all regulated MS4s develop and maintain an inventory of facilities and stormwater controls that it owns and operates within the regulated area of the small MS4. The inventory should include all applicable permit numbers, registration numbers, and authorizations for each facility or controls. The inventory must be available for review by TCEQ and must include (if applicable):

- Equipment storage and maintenance facilities;
- · Fuel storage facilities;
- Materials storage yards;
- Pesticide storage facilities;
- Buildings, including schools, libraries, police stations, fire stations, and office buildings;
- Parking lots;
- Swimming pools;
- Public works yards;
- Recycling facilities;
- Street repair and maintenance sites;
- Vehicle storage and maintenance yards; and
- Structural stormwater controls.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County facilities map was updated in 2024. The map shows 27 County facilities.

A Facilities and Control Inventory was prepared in December 2016 (updated December 2017) with all applicable permit numbers, registration numbers, and authorizations for each facility or control. A total of 10 County facilities had registration or permit numbers. Of the 10 facilities, only 3 are located in the regulated UA for the County's MS4 Program. The inventory is current and an update is not necessary at this time.

Implementation Activity	Measurable Goal	Completion Date
Develop and maintain an inventory of facilities and stormwater controls within the regulated area	1 updated GIS map	12/31/24

Documentation Attached

List of Attachments: County Facilities GIS map





*Road and Bridge

APPROPRIATENESS OF BMP

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Measurable Goal Successfully Implemented?

Date ____

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024

YEAR 2024

COUNTY OPERATION AND MAINTENANCE ACTIVITIES

GH-14

BMP DESCRIPTION

The Small MS4 General Permit requires that all regulated MS4s evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater, including the following:

- Road and parking lot maintenance may include such areas as pothole repair, pavement marking, sealing, and re-paving;
- Bridge maintenance may include such areas as re-chipping, grinding, and saw cutting;
- Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and
- Right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation.

The County will evaluate these O&M activities and identify pollutants of concern that could be discharged from the O&M activities and develop and implement specific pollution prevention measures to reduce the identified pollutants. The pollution prevention (PP) measures and/or structural controls implemented will be inspected on a regular basis to maintain the effectiveness of the BMP.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County developed an assessment matrix to evaluate County specific operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater, including the following:

- Road and parking lot maintenance including pothole repair, pavement marking, sealing, and re-paving;
- Bridge maintenance including placing rip rap around the structures, and occasional guardrail repair;
- Cold weather operations including sanding;
- Right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation.

Based on assessments conducted during previous permitting years, the County updated their BMP/SO Manual. No new O&M activities were identified in 2024 that would require pollution prevention measures or structural controls. Assessment results attached.

Implementation Activity	Measurable Goal	Completion Date
Annual Assessment of O&M activities	1 assessment results	12/31/24

Documentation Attached

List of Attachments: Assessment results





Responsible Authority *Engineering Various Departments

APPROPRIATENESS
OF BMP

Changes Proposed

NOC Submitted
Date _____

Measurable Goal Successfully Implemented?

REPORTING PERIOD: JANUARY 1, 2024 – DECEMBER 31, 2024	YEAR 2024
CONTRACTOR OVERSIGHT	GH-15

BMP DESCRIPTION

The Small MS4 General Permit requires that any contractors that are hired by the County to perform maintenance activities on County-owned facilities must be contractually obligated to comply with all of the stormwater control measures, good housekeeping practices, and facility specific SOPs. The County is also required to provide oversight of contractor activities to ensure they are utilizing appropriate measures and SOPs.

Written oversight procedures must be developed by the end of the permit term. The oversight procedures must be maintained on site and made available for review by TCEQ.

ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

New SWMP being developed to meet 2024 permit renewal.

PROPOSED CHANGE

None

PROGRESS DURING CURRENT REPORTING PERIOD

The County developed contractor oversight language and added it to the contracts for several departments. The departments include Public Works, Engineering Services, and New Projects.

During 2024, there were 4 contracts that were executed with the stormwater provision added.

CCADF Flush Valve Replacements - Fully executed on 4/22/2024

CCADF Medical Mental Health Addition - Fully executed on 2/20/2024

Healthcare, Medical Examiner and Parking Garage Facilities – Fully executed on 8/13/2024

Construction, Emergency Generator Fueling System Replacement – Executed on December 5, 2024

Copies of the contracts are attached.

Implementation Activity	Measurable Goal	Completion Date
Track number of contracts with stormwater oversight provisions	Enforce 100% of contracts	12/31/24

Documentation Attached | X

List of Attachments: Contracts with stormwater provision