

**TPDES Phase II MS4  
Year 5  
Annual Report  
TXR040035**

**Task 1703 Report**

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November 9, 2012

Prepared for:

**Storm Water  
Management Program**



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Permit No.: STW / TXR040035 / CO

**Phase II (Small) MS4 Annual Report Form  
TPDES General Permit Number TXR040000**

**A. General Information**

1. Permit No. TXR040035 Annual Report Year: Year 5 (August 13, 2011 – August 12, 2012)

Name of MS4 / Permittee: Collin County MS4

Contact Name: Tracy Homfeld, P.E., CFM

Telephone Number: 972-548-3733

Mailing Address: 825 North McDonald Street, McKinney, Texas 75069

E-mail Address: thomfeld@co.collin.tx.us

2. Is the named permittee relying on another entity/ies to satisfy some of its permit obligations? \_\_\_\_\_ Yes \_\_\_X\_\_\_ No

If Yes, provide the name(s) of other entity/ies and an explanation of their responsibilities (add more spaces or pages if needed):

Name and Explanation: NA

3. Is the named permittee sharing a SWMP with other entities? \_\_\_\_\_ Yes \_\_\_X\_\_\_ No

a. If the answer to Number 3 is "Yes," list all associated permit numbers and permittee names (add additional spaces or pages if needed):

Permit Number: \_\_\_\_\_ Permittee: \_\_\_\_\_

If the answer to Number 3 is "Yes," is this a system-wide annual report including information for all permittees? \_\_\_ Yes \_\_\_ No

Explanation, if any \_\_\_\_\_

4. Has a copy of this annual report been submitted to the TCEQ Regional Office? \_\_\_X\_\_\_ Yes \_\_\_\_\_ No

**B. SWMP Modifications and Additional Information**

Include a brief explanation if you check “Yes” to any of the following statements.

1. a. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ’s review. \_\_\_\_\_ Yes  No

b. If the answer to Number 1.a. is “Yes”, has the TCEQ already approved the original SWMP? \_\_\_\_\_ Yes \_\_\_\_\_ No

TCEQ approved the SWMP on \_\_\_\_\_.

c. If the answer to Number 1.a. is “Yes”, indicate whether an NOC (or letter) has been submitted to document the changes to the approved SWMP as required by the general permit. (Note that if an NOC is required, it must be submitted to the address shown on the NOC. Do not attach the original NOC form to this report.) \_\_\_\_\_ Yes \_\_\_\_\_ No

2. The MS4 has annexed lands since obtaining permit coverage. \_\_\_\_\_ Yes  No

3. A receiving water body is newly listed as impaired or a TMDL has been established. If yes, please explain.  Yes \_\_\_\_\_ No

*Muddy Creek (Segment 0820C) was listed in 2002 for bacteria impairment. According to the 2010 Texas Water Bodies and Parameters Removed from the 303(d) List (approved by EPA on November 18, 2011), Muddy Creek (Segment 0820C) was delisted. Two segments that receive stormwater runoff from Collin County’s MS4 were newly listed on the 2010 303(d) list. Wilson Creek (Segment 0821C) and East Fork Trinity River above Lake Lavon (Segment 0821D) were both listed for recreational impairment due to bacteria in 2010. They were classified as category 5b meaning that a review of the water quality standards will be conducted before a TMDL is scheduled. No TMDLs have been developed for receiving waterbodies to which Collin County MS4 discharges.*

4. The MS4 has conducted analytical monitoring of storm water quality. \_\_\_\_\_ Yes  No

Explain below or attach a summary to submit along with any monitoring data used to evaluate the success of the SWMP at reducing pollutants to the maximum extent practicable. Be sure to include a discussion of results.

**C. Narrative Provisions**

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

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		No TMDLs, compliance history rating of 3.01 (average by default)

2. Provide a general assessment of the appropriateness of the selected BMPs:

Has the permittee determined that any of the selected BMPs are not appropriate for reducing the discharge of pollutants in storm water? \_\_\_\_\_ Yes   X   No

Provide explanation:

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable (MEP). Summarize any information used (such as monitoring data) to evaluate reductions in the discharge of pollutants. Use a narrative description or table as appropriate:

MCM	BMP	Parameter	Quantity	Units	Does BMP Demonstrate a Direct Reduction in Pollutants? (Yes / No / Explain)

Or, provide explanation below:

*Collin County is striving to reduce the discharge of pollutants to the maximum extent practicable through implementation of BMPs contained in our SWMP. No water quality information is available at this time to demonstrate a direct reduction in pollutants.*

4. Provide a general evaluation of the program's progress, including any obstacles or challenges encountered in implementing BMPs, meeting the program's schedule, etc.:

*All 40 BMPs included in our SWMP have been successfully implemented and measurable goals achieved.*

*Challenges: Coordination with other Phase I and Phase II communities in Collin County is required for ID-1. Engaging GIS professionals from the various communities to develop a consistent set of attributes for the Storm Drain System Map has been challenging. Each community is in different stages of implementing GIS.*

*A general inspection checklist has been developed for C-3 and is used to document inspections and compliance with CGP provisions. It has been a challenge to manage the inspections and forms, therefore to address this issue, a new software is being implemented to trigger the inspections.*

5. Provide the number of construction activities (other than those where the permittee was the operator) that occurred within the regulated area as indicated via notices of intent or site notices:

*During Year 5, the County received 12 new subdivisions or commercial building permits prior to August 12, 2012 and for 3 more permits from August 13, 2012 to October 17, 2012. 12 of them were construction site notice (CSN) and 3 of them were Notice of Intent (NOI).*

6. Does the permittee utilize the 7<sup>th</sup> MCM related to construction? \_\_\_\_\_ Yes  No

If Yes, then provide the following information for this permit year:

a. The number of municipal construction activities authorized under this general permit: \_\_\_\_\_

b. The total number of acres disturbed for municipal construction projects: \_\_\_\_\_

*Though the 7<sup>th</sup> MCM is optional, this must be requested on the NOI or on a NOC and approved by the TCEQ.*

7. Requirements for Specific Minimum Controls Measures (MCMs):

- a. For MCM 1 - Public Education and Outreach, provide documentation of activities conducted and materials used to fulfill the requirements of this MCM.

*For MCM 1 - Public Education and Outreach, documentation of activities conducted and materials used are provided on the individual BMP Status pages. Documentation includes attendance sheets, meeting summaries, web page screen shots, copies of brochures, and other educational media. Copies are included on the enclosed CD.*

- b. Also for MCM 1, provide documentation of the amount of resources used to address each group (e.g., visitors, businesses, etc.).

*For MCM 1, documentation of amount of resources that were used to address each sector of the community is documented in the individual BMP status pages.*

*Residents: BMPs PE-1, PE-2, PE-3, PE-4*

*Visitors: BMPs PE-2, PE-3*

*Public Service Employees: PE-2, PE-3*

*Businesses: PE-2, PE-3*

*Commercial and Industrial Facilities: PE-2, PE-3*

*Construction Site Personnel: PE-2, PE-3*

- c. For MCM 3 – Illicit Discharge Detection and Elimination (IDDE), indicate whether you have developed a list of allowable non-storm water discharges, other than those already listed in the general permit. If you have developed a list and have made any changes to the local controls, conditions and/or programs being established for discharges, include this information below. If you do not have any changes for this permit year, indicate that this item is not applicable.

*For MCM 3 – Illicit Discharge Detection and Elimination (IDDE), Collin County has NOT developed a separate list of allowable non-storm water discharges and has adopted the list contained in the general permit as stated in Section 4.3.2 (page 9) of our SWMP.*

8. Describe any proposed changes to the SWMP in the coming reporting year. *The SWMP will be revised based on the reissued Phase II Small MS4 permit which is expected to be finalized in spring 2013.*
9. Describe any activities planned for the next permit year / reporting cycle. *The County will continue our current program until TCEQ reissues the Phase II Small MS4 permit at which time we will reassess our BMPs and measurable goals to meet new permit requirements. Our SWMP will be revised and an NOI submitted within 180 days of permit effective date or as required by the permit.*

**D. Storm Water Management Program Status.**

MCM(s)- BMP ID	BMP	Milestone of Permit Year		Status		
		Implementation Activity	Measurable Goal	New (N) or Revised (R)	Start Date	Status/ Completion Date
		<b>Storm Water Management Program – Annual Report</b> August 13, 2011 – August 12, 2012		<b>TABLE 1 – YEAR 5 BMP STATUS</b>		
		The table below lists the implementation activities and measurable goals developed for each BMP for Year 5. See individual BMP sheets for details and documentation.				
PE-1	Classroom Storm Water Education	Update educational materials Hold 1 Educational class per ISD with NPS Model	Attendance List		8/2008	Completed 7/2012
PE-2	Storm Water Web Site	Develop a web page to promote used oil recycling Maintain web-site links	Screen shot of used oil recycling page		8/2008	Completed 8/2012
PE-3	Brochures	Develop Year 5 brochure Distribute brochures to kiosks	Year 5 Brochure		2/2008	Completed 8/2012
PE-4	Coordination with Texas AgriLIFE Extension	Develop list of storm water educational presentations and activities Attend 2 Leadership Advisory Board meetings	List of Storm Water Presentations # of attendees 2 attendance sheets		2/2008	Completed 11/2012
PE-5	NCTCOG Storm Water Public Education Task Force	Attend and stay informed of 2 Task Force meetings Tailor RDIs and implement locally to educate public Participate in assessments of initiatives for permit renewal	2 Sign-in sheets List of RDI activities Copy of comments		2/2008	Completed 9/2012
PI-1	Collin County Adventure Camp	Offer lesson plans to participating ISDs	List of classes Dates and # of students		8/2008	Completed 8/2012
PI-2	Storm Water Stakeholders Committee	Hold 1 meeting to review Year 4 Annual Report	A Meeting minutes Attendance sheet		2/2008	Completed 10/2011
PI-3	Stream Clean-Up Projects	Advertise program to organizations Note potential locations during visual monitoring and bridge maintenance Schedule and hold one cleanup event	Promo flyer Host 1 cleanup event		8/2009	Completed 7/2012
PI-4	NCTCOG Public Works Council	Attend and stay informed of Public Works Council meetings	List of meetings attended List of attendees		8/2008	Completed 7/2012
ID-1	Storm Drain System Mapping	Locate and map outfalls in Collin County UA areas on Muddy Creek and tributaries of Lake Lavon Near Lucas Obtain and Consolidate available GIS data municipalities	Outfall Map of Muddy Creek and Lake Lavon area Countywide map		2/2008	Completed 8/2012
ID-2	Visual Monitoring of Outfalls	Walk accessible reaches/perform visual monitoring for Muddy Creek and tributaries of Lake Lavon near Lucas Maintain tracking system/verify GIS map	Visual monitoring map for Muddy Creek/Lake Lavon Tributaries		8/2009	Completed 10/2012
ID-3	Illicit Discharge Investigations	Investigate suspected illicit discharges (as necessary) Seek voluntary compliance or refer to adjacent MS4 or TCEQ	List of investigations List of compliance/referral		8/2009	Completed 10/2012
ID-4	NCTCOG Cooperative Wet Weather Monitoring	Obtain and review results of wet weather monitoring activities in Collin County Inform public of results by posting link to NCTCOG annual report on the County's website	NCTCOG Annual Report		2/2008	Completed 8/2012
ID-5	Reduce Illegal Dumping	Continue existing program to combat illegal dumping	Map of illegal dump sites List of investigations		8/2007	Completed 8/2012
ID-6	Promote Used Oil Recycling (formerly HHW Collection)	Promote used oil recycling through various businesses on web site	Web page screen shot		8/2008	Completed 8/2012
ID-7	Recycling Centers	Track quantity of material recycled by location Update web page (as needed)	Quantity of material by location Screen shot – web page		2/2008	Completed 8/2012
ID-8	Hazardous Material Spill Response	Continue HAZMAT responsibilities in the County	List of HAZMAT calls and responses		8/2007	Completed 8/2012
ID-9	Reduce Failing Septic Systems	Continue OSSF inspection program	List of OSSF inspections		8/2007	Completed 8/2012
C-1	Review Erosion Control Section of Subdivision Regs	Present storm water and erosion control section of the Subdivision Regulations to the Commissioners Court for approval in Year 5	Adopted regulations		2/2008	Completed 11/2012
C-2	Erosion Control Plan Review Procedures	Verify and track SWPPPs submitted to the County Review EC plans outside of ETJ (if authorized)	List of SWPPP/NOI/CSN # of plans reviewed		2/2008	Completed 10/2012
C-3	Construction Inspection	Send inspectors to NCTCOG training Perform construction inspections Track construction inspections	Date and attendees at training List of inspections		8/2009	Completed 8/2012
C-4	Information Submitted by the Public	Promote hotline Receive and log public comments	Web page screen capture List of public comments & investigations		8/2008	Completed 9/2012
C-5	NCTCOG Inspector Certification Training	Send new hire inspectors to training	Dates and attendees for training classes (new hires)		8/2008	Completed 8/2012
C-6	Design Guidance for Construction	None	None		2/2008	Completed 8/2008
C-7	GIS Map of Active Construction Sites	Update GIS map of active construction sites based on NOIs submitted to the County	Updated GIS map		2/2008	Completed 8/2012
PC-1	Long Term Operation and Maintenance of BMPs	Continue to maintain BMPs according to O&M plan Maintain and update GIS map (as needed)	Maintenance Work Orders Updated BMP map		8/2009	Completed 8/2012
GH-1	NCTCOG Storm Water Pollution Prevention Training	Hold 1 storm water training session for designated employees	Training dates/attendees		8/2007	Completed 10/2012
GH-2	ROW Maintenance	Continue inspection, cleaning and maintenance Update maintenance/cleaning log	Maintenance work orders Disposal log		8/2007	Completed 8/2012
GH-3	Spill Response and Prevention	Continue HAZMAT responsibilities in the County	List of HAZMAT calls and responses		8/2007	Completed 8/2012
GH-4	Roadway and Bridge Maintenance	Maintain work order system and erosion & sediment control BMPs during activities as required by the TPDES CGP	List of maintenance activities		8/2007	Completed 8/2012
GH-5	Material Storage for Metal	None	None		2/2008	Completed 8/12/09
GH-6	Material Storage for Used Tires	Inventory used tires twice per year, Recycle used tires Tarp temporarily stored used tires until contractor pickup Reassess annually the need for a covered storage	Used tire disposal invoices		2/2008	Completed 8/2012
GH-7	Used Oil Collection and Recycling	Continue used oil collection and recycling program at the Public Works Service Center Use microbial hydrocarbon cleaner (as needed)	Trip tickets from disposal contractor		8/2007	Completed 8/2012
GH-8	Use of Licensed Applicators for Herbicides	Annual training for applicators Document training and copies of licenses	Copies of licenses		8/2007	Completed 9/2012
GH-9	Spill Prevention Training	Continue annual spill prevention training of County staff	Date of training List of attendees		8/2007	Completed 7/2012
GH-10	Vehicle Maintenance	Inspect oil/sand separator twice per year Analyze material in separator and treat according to manufacturer's specifications with Power Play Active Bacteria	Maintenance logs Chemical treatment invoice		2/2008	Completed 3/2012
GH-11	Litter Control	Quarterly inspection of facilities for litter	Dates of inspections Dates of cleanup (if needed)		8/2008	Completed 8/2012
GH-12	Vehicle Washing	Inspect grit trap twice per year Maintain grit trap at least annually	Maintenance log for grit chamber		2/2008	Completed 7/2012
GH-13	Aggregate Stockpiles	Inspect quarterly and maintain erosion control BMPs around stockpile sites	Inspection and maintenance logs		8/2007	Completed 6/2012
GH-14	Vehicle Fueling	Maintain compliance with SPCC plan Construct canopy over fueling area	Leak detection reports Verification Photos		8/2007	Completed 8/2012

		<b>Storm Water Management Program – Annual Report</b> August 13, 2011 – August 12, 2012		<b>TABLE 2 – YEAR 5 MEASURABLE GOAL STATUS</b>
The table below lists the measurable goals developed for each BMP for Year 5, success and proposed changes. See individual BMP sheets for details and documentation.				
<b>MCM(s)- BMP ID</b>	<b>BMP</b>	<b>Measurable Goal(s)</b>	<b>Success</b>	<b>Proposed Changes (submit NOC as needed)</b>
PE-1	Classroom Storm Water Education	Attendance List	Met goal	None
PE-2	Storm Water Web Site	Screen shot of used oil recycling page	Met goal	None
PE-3	Brochures	Year 5 Brochure	Met goal	None
PE-4	Coordination with Texas AgriLIFE Extension	List of Storm Water Presentations # of attendees 2 attendance sheets	Met goal	None
PE-5	NCTCOG Storm Water Public Education Task Force	2 Sign-in sheets List of RDI activities Copy of comments	Met goal	None
PI-1	Collin County Adventure Camp	List of classes Dates and # of students	Met goal	None
PI-2	Storm Water Stakeholders Committee	A Meeting minutes Attendance sheet	Met goal	None
PI-3	Stream Clean-Up Projects	Promo flyer Host 1 cleanup event	Met goal	None
PI-4	NCTCOG Public Works Council	List of meetings attended List of attendees	Met goal	None
ID-1	Storm Drain System Mapping	Outfall Map of Muddy Creek and Lake Lavon area Countywide map	Met goal	None
ID-2	Visual Monitoring of Outfalls	Visual monitoring map for Muddy Creek/Lake Lavon Tributaries	Met goal	None
ID-3	Illicit Discharge Investigations	List of investigations List of compliance/referral	Met goal	None
ID-4	NCTCOG Cooperative Wet Weather Monitoring	NCTCOG Annual Report	Met goal	None
ID-5	Reduce Illegal Dumping	Map of illegal dump sites List of investigations	Met goal	None
ID-6	Promote Used Oil Recycling (formerly HHW Collection)	Date of events Web page screen shot	Met goal	None
ID-7	Recycling Centers	Quantity of material by location Screen shot – web page	Met goal	None
ID-8	Hazardous Material Spill Response	List of HAZMAT calls and responses	Met goal	None
ID-9	Reduce Failing Septic Systems	List of OSSF inspections	Met goal	None
C-1	Review Erosion Control Section of Subdivision Regs	Adopted regulations	Met goal	None
C-2	Erosion Control Plan Review Procedures	List of SWPPP/NOI/CSN # of plans reviewed	Met goal	None
C-3	Construction Inspection	Date and attendees at training List of inspections	Met goal	None
C-4	Information Submitted by the Public	Web page screen capture List of public comments & investigations	Met goal	None
C-5	NCTCOG Inspector Certification Training	Dates and attendees for training classes (new hires)	Met goal	None
C-6	Design Guidance for Construction	None	NA	None
C-7	GIS Map of Active Construction Sites	Updated GIS map	Met goal	None
PC-1	Long Term Operation and Maintenance of BMPs	Maintenance Work Orders Updated BMP map	Met goal	None
GH-1	NCTCOG Storm Water Pollution Prevention Training	Training dates/attendees	Met goal	None
GH-2	ROW Maintenance	Maintenance work orders Disposal log	Met goal	None
GH-3	Spill Response and Prevention	List of HAZMAT calls and responses	Met goal	None
GH-4	Roadway and Bridge Maintenance	List of maintenance activities	Met goal	None
GH-5	Material Storage for Metal	None	NA	None
GH-6	Material Storage for Used Tires	Used tire disposal invoices	Met goal	None
GH-7	Used Oil Collection and Recycling	Trip tickets from disposal contractor	Met goal	None
GH-8	Use of Licensed Applicators for Herbicides	Copies of licenses	Met goal	None
GH-9	Spill Prevention Training	Date of training List of attendees	Met goal	None
GH-10	Vehicle Maintenance	Maintenance logs Chemical treatment invoice	Met goal	None
GH-11	Litter Control	Dates of inspections Dates of cleanup (if needed)	Met goal	None
GH-12	Vehicle Washing	Maintenance log for grit chamber	Met goal	None
GH-13	Aggregate Stockpiles	Inspection and maintenance logs	Met goal	None
GH-14	Vehicle Fueling	Leak detection reports Verification Photos	Met goal	None

**E. Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): Judge Keith Self Title: County Judge

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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## 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 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.

Upon completion of TCEQ's administrative and technical review and notification from the TCEQ Office of the Chief Clerk, the County complied with public notice requirements by publishing notice in the newspaper of largest circulation in Collin County. The Dallas Morning News is the newspaper of largest circulation.

The notice included the Executive Director of the TCEQ's preliminary determination on the NOI and SWMP. The notice also included the following information:

- The legal name of the MS4 operator;
- Identification of whether the NOI is for a new small MS4 or a renewal of an existing operation;
- The County's address
- A brief summary of the information included in the NOI (general location and description of classified receiving waters that receive discharges from the Small MS4;
- The location and mailing address where the public may provide comments to TCEQ;
- The public location where copies of the NOI and SWMP, as well as the General Permit and the Executive Director's Fact Sheet, may be reviewed;

The Notice of Application For Small Municipal Separate Storm Sewer System, General Permit Authorization No. TXR040035 was issued by TCEQ on September 15, 2008. The Notice was placed in the Dallas Morning News on April 3, 2009. The public comment period began on April 3, 2009 and extended for thirty days. The TCEQ determined that there was not a significant public interest for a public meeting; therefore the public comment period ended on May 2, 2009. The TCEQ issued permit coverage on June 8, 2009 and is currently in effect.

### 3.0 ANNUAL REPORTING REQUIREMENTS

A concise annual report must be submitted by Collin County to the Executive Director of the TCEQ within ninety days of the end of each permit year of the permit term. The permit term began when the TPDES Small MS4 General Permit became effective on August 13, 2007. The permit years and deadlines for annual reports are specified below.

Year	Reporting Cycle	Annual Report Due Date
1	8/13/2007 – 8/12/2008	11/12/2008
2	8/13/2008 – 8/12/2009	11/12/2009
3	8/13/2009 – 8/12/2010	11/12/2010
4	8/13/2010 – 8/12/2011	11/12/2011
5	8/13/2011 – 8/12/2012	11/12/2012

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:

- Status of 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,
- Status of any additional control measures implemented by the permittee,
- Any MCM activities implemented before permit issuance may be included as part of the first year's annual report,
- A summary of the results of the information (including monitoring data) collected and analyzed, if any,
- A summary of activities planned for the next reporting cycle,
- Proposed changes to the SWMP,
- Number of municipal construction activities authorized under this general permit and total number of acres disturbed,
- Number of non-municipal construction activities that occurred within the jurisdiction.

### 4.0 BMP IMPLEMENTATION STATUS

This report serves as the Year 5 Annual Report for Collin County for the period August 13, 2011 through August 12, 2012 and contains those elements outlined above. The annual report is organized by Minimum Control Measures with one-page summaries of the Year 5 activities. Documentation that the County has achieved the measurable goals are provided on the enclosed CD.

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## 5.0 SUMMARY

A Storm Water Management Program (SWMP) was developed for Collin County for coverage under the Texas Pollutant Discharge Elimination System (TPDES) General Permit for Storm Water Discharges from Small MS4s. The permit duration was from 8/13/2007 to 8/12/2012.

The purpose of the SWMP developed for Collin County was 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. As documented in the annual reports submitted to TCEQ, Collin County has implemented this SWMP effectively during the permit term.

The current Phase II (Small) MS4 permit (TXR040000) expired on August 12, 2012 and reissuance of the permit by TCEQ has been delayed. TCEQ published a notice in the Texas Register on April 13, 2012 announcing their intent to administratively continue permit coverage for all existing small MS4s. All existing small MS4s will need to continue to operate under the existing small MS4 general permit requirements until the permit is renewed. To that end, Collin County will continue its currently implemented BMPs and annual activities until permit renewal.

The Year 5 annual report generally covers activities from 8/13/2011 to 8/12/2012. As permit renewal has been delayed, TCEQ has indicated that MS4s can report progress toward measurable goals and take credit for activities through November 12<sup>th</sup> when the annual report is due. Reporting periods for 9 of the 40 BMPs were extended to take credit for implementation activities through November 12th. The BMPs with extended reporting periods are denoted with an asterisk "\*" and footnote on the following BMP status pages.

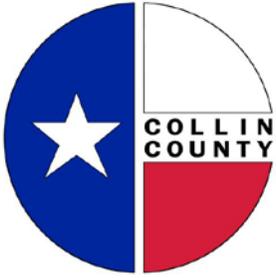
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>	<b>YEAR 5</b>
	<b>CLASSROOM STORM WATER EDUCATION WITH NPS MODELS</b>	<b>PE-1</b>
<b>Responsible Authority</b> <b>*Engineering</b> Public Information	<b>BMP DESCRIPTION</b> <p>A classroom education program will be developed for Collin County to educate students on storm water related issues. The County will meet with representatives of Texas AgriLIFE Extension and the Heard Natural Science Museum and Wildlife Sanctuary to determine cooperative educational opportunities and review the available NPS models. The County will then meet with representatives of ISDs in the UA areas of Collin County to determine which materials they can incorporate into existing classes. School districts that serve the Collin County urbanized areas are primarily Lovejoy ISD, McKinney ISD, and Wylie ISD.</p>	
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>Section of Population Addressed:</b> Residents	
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>	
	<b>PROPOSED CHANGE</b> None	
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> <p>Over the past year, Texas AgriLIFE Extension has held several educational classes for school aged children on topics related to storm water management. A total of eleven (11) classes were held in schools throughout Collin County. A total of 671 participants attended these classes on the subject of Water Quality and Water Education. The curriculum included “The Incredible Water Journey”, and “Freddy the Fish”.</p> <p>The County Sheriff’s Department has conducted classroom educational programs in schools that have focused on illegal dumping and its consequences on storm water quality. A total of five (5) classes were held in schools throughout Collin County which were attended by 470 participants. Lee Howe (Collin County Sheriff’s Office) also conducted an eight hour long presentation at the “Keep Texas Beautiful” conference organized from 06/25/12 to 06/29/12 which was attended by 50 participants.</p>		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Update educational materials</li> <li>Hold 1 Educational class per ISD with NPS Model</li> </ul>	<ul style="list-style-type: none"> <li>Attendance Lists</li> </ul>	7/16/12

Documentation Attached

List of Attachments:    List of classes held in Collin County

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>STORM WATER WEB SITE</b>		<b>PE-2</b>
<b>BMP DESCRIPTION</b> Collin County's website is nationally recognized and was named among the top county government portals in 2007. The County will develop a web page for their existing web site that specifically addresses storm water related issues. The Storm Water Web Site will promote and advertise upcoming Public Involvement events such as the Collin County Adventure Camp (PI-1), Stakeholders Meetings (PI-2), and Stream Clean-up Projects (PI-3) through an on-line Community Events Calendar. The web site will also publicize illicit discharge BMPs such as Promoting Used Oil Recycling (ID-6) and Recycling Centers (ID-7). The web site can be used to collect information submitted by the public regarding construction activities as required by TPDES regulations.			
<b>Responsible Authority</b> * Information Technology Public Information Engineering		<b>Section of Population Addressed:</b> Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.	
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>	
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>PROPOSED CHANGE</b> None	
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County continually updates the storm water website with links to related department web pages including the Engineering Department page ( <a href="http://www.co.collin.tx.us/engineering/stormwater/index.jsp">http://www.co.collin.tx.us/engineering/stormwater/index.jsp</a> ). This year the site was updated to promote used oil recycling in addition to general information about the County's Storm Water Management Program that is pertinent to all sectors of the community. 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, locations of recycling centers, illegal dumping information, and subdivision regulations. 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. Using the link for used oil recycling on the website, members of the community can find out nearest used motor oil recycling centers to recycle used oil as well as benefits of recycling used oil.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Develop a web page to promote used oil recycling</li> <li>Maintain web-site links</li> </ul>		<ul style="list-style-type: none"> <li>Screen shots of used oil recycling page</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    Web page screen shots

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>STORM WATER BROCHURES</b>		<b>PE-3</b>
<p><b>Responsible Authority</b> * Engineering</p> <p><b>Appropriateness of BMP</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No                  If No:  <input type="checkbox"/> Changes Proposed  <input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>These are multi-page printed materials used to convey detailed information on specific topics related to storm water management. The brochures will be distributed to kiosks located at the Collin County Government Center and the Public Works Department. The brochures will also be available in PDF format on the County's Storm Water Web Page (PE-2). The County will coordinate with local businesses to provide additional means of distributing the brochures at designated locations within these businesses. Targeted distribution of brochures will also be used to address specific issues. The County has several existing brochures and will develop a county-wide catalog of available brochures and develop 3 new brochures for distribution in Years 3 and 5.</p> <p><b>Section of Population Addressed:</b> Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>None</p>		
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The Year 5 brochures focus on the prevention of storm water pollution at construction sites and in the community. The construction storm water pollution prevention plan (SWPPP) brochure 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. This brochure is intended to educate contractors, builders and developers on TCEQ storm water requirements for construction sites. Copies of the construction site brochure with details on preventing storm water pollution at construction sites are distributed as part of the commercial building permit application.</p> <p>The community brochures provide residents with tips for preventing storm water pollution. The County took advantage of one of the NCTCOG's Regionally Developed Initiatives for public education. The County chose to distribute the brochure entitled "The Dirty Dozen" with 12 tips to prevent storm water pollution. "The Dirty Dozen" brochure has been added to all permit packets distributed from Collin County Development Services. It has also been added to the Permit packages online from the Development Services webpage.</p> <p>All brochures are also on display in kiosks in the Engineering Department, the Wilmeth Road Service Center and outside the Fire Marshal's office.</p>		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Develop Year 5 brochure</li> <li>Distribute brochures to kiosks</li> </ul>	<ul style="list-style-type: none"> <li>Year 5 Brochure</li> <li>Purchase order for brochures</li> </ul>	8/12/12	

Documentation Attached

List of Attachments:    Year 5 Brochure – The Dirty Dozen  
 "Preventing Stormwater Pollution at Construction Sites" Brochure

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>COORDINATION WITH TEXAS AGRILIFE EXTENSION</b>		<b>PE-4</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> The Texas AgriLIFE Extension conducts a variety of environmental education activities (Pond Management, Urban Rancher, Wetlands Workshop, 4-H Lawn and Safety Education Program, Master Gardeners) throughout the County.  The Texas AgriLIFE Extension of Collin County is a statewide educational agency and locally is a partnership between Collin County Commissioners Court, the Texas A&M University System and the United States Department of Agriculture. The County will coordinate with County AgriLIFE Extension staff to report annual educational activities in Collin County that are storm water related.  A representative from Collin County will attend two Leadership Advisory Board Meetings annually and will advocate the use of more storm water related topics.  <b>Section of Population Addressed:</b> Residents		
	<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> Representatives from the Collin County Engineering Department attended three meetings of the Leadership Advisory Board of the Texas AgriLIFE Extension. The meetings were held on September 21, 2011, April 4, 2012 and October 24, 2012 at the City of Allen Public Library. Meeting minutes and attendance sheets are attached.  Over the past year, Texas AgriLIFE Extension has held several educational classes for school aged children on topics related to storm water management. A total of eleven (11) classes were held in schools throughout Collin County. A total of 671 participants attended these classes on the subject of Water Quality and Water Education. The curriculum included “The Incredible Water Journey”, and “Freddy the Fish”.  On August 13, 2011, representatives from the Collin County participated in the North Texas Water Education Conference. The goal of the conference was to provide the public with science-based information on water related issues that affect North Texas.  On November 5, 2011, County AgriLife Extension hosted an Earth-Kind Symposium in Collin County on environmentally responsible landscaping techniques to save water and protect natural resources.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Develop list of storm water educational presentations and activities</li> <li>Attend 2 Leadership Advisory Board meetings</li> </ul>		<ul style="list-style-type: none"> <li>List of presentations, dates and # of attendees</li> <li>Attendance sheet</li> </ul>	7/16/12

Documentation Attached

List of Attachments: 3 attendance sheets/meeting minutes from Advisory Board meetings  
 List of storm water educational presentations by Texas AgriLIFE Extension  
 North Texas Water Education Conference Information  
 Earth-Kind Symposium – 11/5/11 (web-page screen shot)

\* Reporting period extended through 10/24/12

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>NCTCOG STORM WATER PUBLIC EDUCATION TASK FORCE</b>		<b>PE-5</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> The NCTCOG has assembled a Public Education Task Force to develop and distribute educational materials and to conduct community outreach activities that will inform the public within the MS4 service area. The targeted audience includes visitors to the County as well as residents, business owners, commercial and industrial facilities, construction site personnel and public service employees. Outreach activities will seek to inform the public about storm water impacts on water quality, hazards associated with illegal discharges and improper disposal of waste and steps that citizens can take to reduce pollutants in storm water runoff. Collin County will participate in the task force meetings and regionally developed initiatives (RDIs) for public education.		
	<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
	<b>Section of Population Addressed:</b> RDIs developed during Year 5 target Residents, Businesses, Commercial and Industrial Facilities, and Construction Site Personnel.		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County attended the August 2, 2012 Task Force meeting during Year 5. The agenda items and sign in sheets for the August task force meeting are attached. Agenda items for the meeting included Fats, Oils, and Grease (FOG) related activities, Green Business Project, Texas SmartScape Brochure preparation, Cooperative Purchase, and a Municipal Roundtable. The County participated in the selection of RDIs for the upcoming year and the preparation of the cooperative purchase list.  The County stayed informed of the Task Force meeting held on September 20, 2012 but was not able to attend because of a late change in meeting date. Agenda items for that meeting included Opportunistic Storm water Education Webinar, Texas SmartScape website design, Cooperative Purchase, and a Municipal Roundtable. The County is taking advantage of two Regionally Developed Initiatives (RDIs) – “The Dirty Dozen” brochure and “Preventing Stormwater Pollution at Construction Sites” brochure. Copies of the “Preventing Stormwater Pollution at Construction Sites” brochure are distributed as part of the commercial building permit application. “The Dirty Dozen” brochure has been added to all permit packets distributed from			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Attend and stay informed of 2 Task Force meetings</li> <li>Tailor RDIs and implement locally to educate public</li> <li>Participate in assessments of initiatives for permit renewal</li> </ul>		<ul style="list-style-type: none"> <li>Copy of sign in sheets</li> <li>List of RDI activities</li> <li>Copy of comments</li> </ul>	09/20/12

Documentation Attached  \* Reporting period extended through 09/20/12  
 List of Attachments: Meeting summary and attendance sheets; List of Cooperative Purchase for 2012  
 “Preventing Stormwater Pollution at Construction Sites” and “The Dirty Dozen” Brochures

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011– AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>COLLIN COUNTY ADVENTURE CAMP</b>		<b>PI-1</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> 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 in and 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 Earth Processes and Water Ecology. 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).		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> School Districts represented at the Collin County Adventure Camp for Year 5 included: Plano ISD, McKinney ISD, Allen ISD, Wylie ISD, Dallas ISD, Lovejoy ISD, Princetown ISD, Community ISD, Anna ISD, Blue Ridge ISD, Melissa ISD, Garland ISD, Grapevine-Colleyville ISD, Carrollton-Farmers Branch ISD as well as some private schools in Dallas. Over 6,800 third to seventh grade students participated in camps throughout the year. Storm water topics included “Taming the Land” and “Learning the Lake”. These lesson plans were offered as multi-day exercises in a camp setting, but were open to day groups as well. The County will continue to track the number of school children that participate in these programs as a measurable goal for reporting progress.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Offer lesson plans to participating ISDs</li> </ul>	<ul style="list-style-type: none"> <li>List of classes (Dates and # of students)</li> </ul>	8/12/12	

Documentation Attached

List of Attachments:    Email from Collin County Adventure Camp

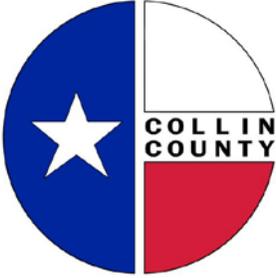
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011– AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>STORM WATER STAKEHOLDERS COMMITTEE</b>		<b>PI-2</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> Collin County formed a Storm Water Stakeholders Committee (SWSC) to involve the public in the development of their Storm Water Management Program. The Committee consists of invitees from County staff, municipal storm water coordinators, County Extension, school districts, environmental education specialists from the Heard Natural Science Museum, North Texas Municipal Water District, Texas A&M Urban Solutions Center, developers and homebuilders. The SWSC met to review possible BMPs and to vote on which BMPs are most applicable to Collin County. The committee will meet annually in October to review the County's Annual Report to TCEQ, evaluate the effectiveness of selected BMPs and suggest changes (if necessary).		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County held a meeting of the Storm Water Stakeholders Committee (SWSC) made up of County staff, community leaders from the surrounding cities, educational professionals and homebuilders/developers. The meeting was held in the Commissioner's Court chambers at the Collin County Administration Building located at 2300 Bloomdale Road in McKinney. Seventeen representatives attended the SWSG meeting on October 25, 2011 to review the County's Year 4 progress toward meeting implementation goals and review the Year 4 Annual report prior to submission to TCEQ. Copies of the meeting minutes, presentation handouts and attendance sheet are attached.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Hold 1 meeting to review Year 4 Annual Report</li> </ul>		<ul style="list-style-type: none"> <li>Meeting minutes</li> <li>Attendance list</li> </ul>	10/25/11

Documentation Attached

List of Attachments: Meeting minutes, presentation handouts, attendance sheet, pictures during the presentation

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

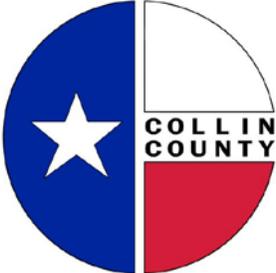
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011– AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>STREAM CLEANUP PROJECTS</b>		<b>PI-3</b>
<b>Responsible Authority</b> * Road and Bridge Public Information	<b>BMP DESCRIPTION</b> Collin County Road and Bridge Department will coordinate stream cleanup projects with various local volunteer groups and organizations.  Specific sites will be selected based on impact by trash, especially those areas with heavy pedestrian and vehicular traffic. Access will also guide site selection for convenience of the volunteers and to minimize permission requirements.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County selected four locations for two stream cleanups based on illegal dumping reports/complaints. The first Stream Cleanup Event was held on March 21, 2012 at the stream crossing location CR 26 at Parvin’s Branch. The second Stream Cleanup Event was held on July 21, 2012 at the stream crossing locations: CR 368 at Hurricane Creek, CR 279 at Slayter Creek, and CR 526 at Pilot Grove Creek.  Six volunteers and staff attended the event on March 21 and 1.38 tons of garbage and debris was removed from the location. Fourteen volunteers and staff attended the event on July 21 and 1.1 tons of garbage and debris was removed from the locations. The weight tickets are attached. The County currently has their own litter pickup kits for their community service volunteers and employees.  In the future, Collin County will coordinate stream cleanup projects with neighboring MS4s such as McKinney and Frisco to obtain greater volunteer participation among the general public. Many of the streams in McKinney have steep banks which in some cases are not conducive to volunteer access due to safety issues. Collin County will coordinate with McKinney to provide potential cleanup sites for cooperative stream cleanup activities.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Advertise program to organizations</li> <li>Note potential locations during visual monitoring and bridge maintenance</li> <li>Schedule and hold one cleanup event</li> </ul>	<ul style="list-style-type: none"> <li>1 Promotional Flyer</li> <li>At least 1 clean up event</li> </ul>	7/21/12	

Documentation Attached

List of Attachments:    Photos of cleanup event, list of trash and debris collected, weight tickets  
 Promotional Flyer



# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>STORM DRAIN SYSTEM MAPPING</b>		<b>ID-1</b>
<b>BMP DESCRIPTION</b> To facilitate their illicit discharge detection and elimination program, Collin County will develop a storm drain system map, which identifies the location of all outfalls and the names and locations of the waters of the U.S. to which they drain. Collin County will develop a Geographic Information System (GIS) map. Supplemental information on outfall locations will be derived from visual inspections along stream banks. Precise locations of outfalls will be determined through the inspection of aerial photographs and field verification with a Global Positioning System (GPS). The County will facilitate the development of a county-wide system map by meeting with GIS personnel from municipalities in the County and consolidating the available GIS data. County personnel will attend NCTCOG training on outfall mapping.			
<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>			
<b>PROPOSED CHANGE</b> NONE			
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> GIS contacts for the Phase I and Phase II cities were identified. Phase II communities in Collin County include Allen, Carrollton, Fairview, Frisco, Lowry Crossing, Lucas, McKinney, Murphy, New Hope, Parker, Richardson, Sachse and Wylie. St. Paul received an MS4 waiver from TCEQ. The two Phase I cities in Collin County are Dallas and Plano. The IT/GIS Department coordinated with local MS4s to obtain and share available data. Other than McKinney and Frisco, many Phase II cities are in the infancy stages of GIS mapping. Several communities are willing to consider using a standardized list of attribute data to provide consistency and allow for sharing of data. The current County GIS database includes roads and culverts. Within unincorporated Collin County, the storm drain system consists exclusively of roadside ditches so 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. Five (5) outfall maps for UA areas on Muddy Creek and tributaries of Lake Lavon (near Lucas, Princeton, Saint Paul, and Wylie) were developed.  The County GIS staff attended the annual ESRI User Conference [South Central Arc User Group (SCAUG)], and NCTCOG-TNRIS State GIS Coordination meeting as well as other NCTCOG GIS meetings during Year 5. Many of the presentations and training sessions focused on new inventory, scripts, and mapping tools for ArcGIS 10. A complete list of GIS Meetings and Conferences attended by County GIS staff during Year 5 is attached.			
<b>Responsible Authority</b> * Engineering GIS / Rural Addressing			
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Locate and map outfalls in Collin County UA areas on Muddy Creek and tributaries of Lake Lavon Near Lucas</li> <li>Obtain and Consolidate available GIS data municipalities</li> </ul>	<ul style="list-style-type: none"> <li>Outfall Map of Muddy Creek and Lake Lavon area</li> <li>Countywide map</li> </ul>	8/12/12	

Documentation Attached

List of Attachments: UA Outfall Map for areas on Muddy Creek and tributaries of Lake Lavon  
 List of GIS Meetings and Conferences attended by County GIS staff during Year 5

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011– AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>VISUAL MONITORING OF OUTFALLS</b>		<b>ID-2</b>
<b>Responsible Authority</b> * Public Works	<b>BMP DESCRIPTION</b> Collin County staff will perform visual monitoring in the Urbanized Areas during dry weather periods 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 may utilize GPS equipment to document the location of the visual inspections, allowing them to be related to locations on the GIS storm drain system map for future reference and to document precise locations if environmental concerns are identified.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> County GIS staff performed a mapping analysis to identify outfalls in Collin County's UA areas on Muddy Creek and tributaries of Lake Lavon (near Lucas, Princeton, Saint Paul, and Wylie). The outfall map for this area is attached. Preliminary analysis indicates ten (10) storm water outfalls on Muddy Creek and tributaries of Lake Lavon (near Lucas, Princeton, Saint Paul, and Wylie) for Year 5 visual monitoring. Visual monitoring has been done for those 10 outfalls and no indicators were present to indicate the presence of any pollutant at any of the outfalls. The Outfall Reconnaissance Inventory / Sample Collection Field Sheets are attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Walk accessible reaches/perform visual monitoring for Muddy Creek and tributaries of Lake Lavon near Lucas</li> <li>Maintain tracking system/verify GIS map</li> </ul>	<ul style="list-style-type: none"> <li>Visual monitoring map for Muddy Creek/Lake Lavon Tributaries</li> </ul>	10/30/2012	

Documentation Attached

\* Reporting period extended through 10/30/12

List of Attachments:    Outfall Map for UA areas on Muddy Creek and tributaries of Lake Lavon  
 Outfall Reconnaissance Inventory / Sample Collection Field Sheets

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

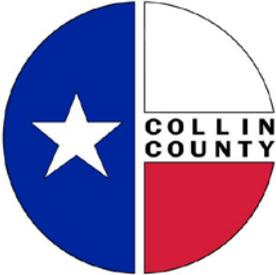
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011– AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>ILLICIT DISCHARGE INVESTIGATIONS</b>		<b>ID-3</b>
<b>Responsible Authority</b> * Public Works	<b>BMP DESCRIPTION</b> The County lacks the legal authority to prohibit illicit discharges and illegal connections in the unincorporated UA. The County will seek voluntary compliance through Visual Monitoring of Outfalls (ID-2) to detect illicit discharges followed up by investigations such as dye or smoke testing (as appropriate) to determine the source of the illicit discharge to its MS4. As the County will not have “right-of-entry” typically granted by ordinances, the County will seek the cooperation of suspected dischargers in identifying and removing illegal connections. If voluntary compliance cannot be achieved, suspected illicit discharges will be reported to the TCEQ for follow-up investigations.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> 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 construction activities within the MS4. The hotline is advertised on the County’s web site. There were no calls or e-mails received on the hotline in Year 5 to report illicit discharge. Collin County Engineering Department received an email from the City of McKinney on 09/17/12 about a potential illicit discharge. On 09/19/12 and 09/20/12, our inspector walked the site and saw no evidence of any paint or oil being disposed of. Investigation was closed after site visit.  Visual monitoring was conducted for ten (10) outfalls that were identified in the areas on Muddy Creek and tributaries of Lake Lavon (near Lucas, Princeton, Saint Paul, and Wylie). No indicators were present to indicate the presence of any pollutant at any of the outfalls. The Outfall Reconnaissance Inventory / Sample Collection Field Sheets are attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Investigate suspected illicit discharges (as necessary)</li> <li>Seek voluntary compliance or refer to adjacent MS4 or TCEQ</li> </ul>	<ul style="list-style-type: none"> <li>List of investigations</li> <li>List of compliance or referral</li> </ul>	10/30/2012	

Documentation Attached

\* Reporting period extended through 10/30/12

List of Attachments:    Web page screen shot of information to report illicit discharge  
 Visual Screening Report  
 Outfall Reconnaissance Inventory / Sample Collection Field Sheets

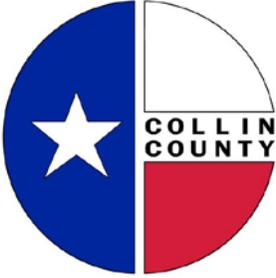
**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>NCTCOG COOPERATIVE WET WEATHER MONITORING</b>		<b>ID-4</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> NCTCOG is assisting local entities through a cooperative regional monitoring program for collection of wet weather water quality data. The regional program includes the Phase I cities of Dallas, Fort Worth, Arlington, Garland, Irving, Plano, Mesquite; the local districts of the TxDOT; and the North Texas Tollway Authority (NTTA). The regional monitoring plan calls for quarterly sampling of up to three monitoring stations in each of the nine watersheds per year for three years beginning January 1, 2007. A total of 300 sample events are anticipated to be collected. Each sample will be analyzed for 18 parameters. Although this monitoring program was designed to meet the permit requirements of Phase I cities, it will also benefit Phase II cities and may be used to determine long-term water quality trends. The County will obtain and review the NCTCOG annual reports for the monitoring and make it available to the public through links on their web page.		
	<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County obtained a copy of the NCTCOG’s annual report summarizing the results of the cooperative wet-weather monitoring program. The County reviewed the annual report and posted a link to the report on the Engineering Web Page to inform the public of the results.  <a href="http://www.co.collin.tx.us/engineering/stormwater/index.jsp">http://www.co.collin.tx.us/engineering/stormwater/index.jsp</a>			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Obtain and review results of wet weather monitoring activities in Collin County</li> <li>Inform public of results by posting link to NCTCOG annual report on the County’s website</li> </ul>		<ul style="list-style-type: none"> <li>NCTCOG Annual Report</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    Web page screen capture

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>REDUCE ILLEGAL DUMPING</b>		<b>ID-5</b>
<b>Responsible Authority</b> * County Sheriff	<b>BMP DESCRIPTION</b> 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, mandated under Phase II regulations.		
	Public education programs for illegal dumping in Collin County rely on a number of methods including the web site and a hotline. The County aggressively investigates and enforces illegal dumping regulations as set forth in Texas Statutes (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. The County web site advertises the report line, NCTCOG hotline number and the "Don't Mess with Texas" web site for reporting.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The Collin County Sheriff's office currently investigates illegal dumping reports. The County web site advertises the report line, NCTCOG hotline number and the "Don't Mess with Texas" web site for reporting ( <a href="http://www.co.collin.tx.us/public_works/illegal_dumping.jsp">http://www.co.collin.tx.us/public_works/illegal_dumping.jsp</a> ). The GIS Department keeps a log of all illegal dump sites in the County. The County Sheriff's office investigated 385 reports of illegal dumping during Year 5. A list of those investigations is attached. A map of known illegal dump sites is also attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Continue existing program to combat illegal dumping</li> </ul>	<ul style="list-style-type: none"> <li>Map of known dump sites</li> <li>List of illegal dumping investigations</li> </ul>	8/12/12	

Documentation Attached

- List of Attachments:    Map of Illegal Dump Sites  
 List of illegal dumping investigations  
 Web page to report Illegal dumping

**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

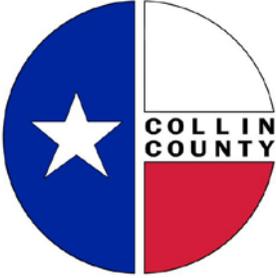
	<b>REPORTING PERIOD:</b> AUGUST 13, 2011 – AUGUST 12, 2012		YEAR 5
	<b>PROMOTE USED OIL RECYCLING (FORMERLY HOUSEHOLD HAZARDOUS WASTE COLLECTION)</b>		ID-6
<b>Responsible Authority</b> * Engineering	<b>BMP DESCRIPTION</b> Collin County will promote used oil recycling through various businesses that accept the oil for free. The County will also continue to push for and apply for funding so the County can implement household hazardous waste collection in the future for its residents.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County updated the storm water website to promote used oil recycling. Using the link of used oil recycling on the website, members of the community can find out the nearest used motor oil recycling centers to recycle used oil as well as learn the benefits of recycling used oil.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Promote used oil recycling through various businesses on web site</li> </ul>		<ul style="list-style-type: none"> <li>Web page screen shot</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    Web page screen shots



**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>HAZARDOUS MATERIAL SPILL RESPONSE</b>		<b>ID-8</b>
<b>Responsible Authority</b> *Fire Marshal	<b>BMP DESCRIPTION</b> 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 a dedicated fire station that provides 24-hour, 7 days per week spill response.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The Fire Marshal's Office did not respond to any hazardous spills in Collin County during Year 5.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Continue HAZMAT responsibilities in the County</li> </ul>		<ul style="list-style-type: none"> <li>List of HAZMAT calls and responses</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    Email from Fire Marshal's Office

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>REDUCE FAILING SEPTIC SYSTEMS</b>		<b>ID-9</b>
<b>Responsible Authority</b> <b>* Development Services</b>	<b>BMP DESCRIPTION</b> <p>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 all OSSF inspections.</p>		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> <p>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 99 inspections of malfunctioning systems and 276 inspections for new systems during Year 5 of the permit term. The County maintains a tracking systems 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.</p>			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Continue OSSF inspection program</li> </ul>	<ul style="list-style-type: none"> <li>List of OSSF inspections</li> </ul>	8/12/12	

Documentation Attached

List of Attachments:    List of malfunctioning systems inspections  
                                  List of OSSF Inspections (new systems highlighted in yellow)

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>REVIEW OF</b> <b>EROSION CONTROL SECTION OF</b> <b>SUBDIVISION REGULATIONS</b>		<b>C-1</b>
<b>Responsible Authority</b> <b>* County Attorney</b> Engineering	<b>BMP DESCRIPTION</b> The Phase II Final Rule requires that counties develop, implement and enforce a program to reduce pollutants in runoff from construction activities that disturb land areas of one acre or greater to the extent allowable under state and local law. The County will review existing subdivision regulations for compliance with the new CGP and determine the extent to which erosion and sediment controls can be required, as well as sanctions to ensure compliance, to the extent allowable under State and local law. This may require modification of the County's plan review procedures (C-2) and site inspection procedures (C-3).		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> Subdivision Regulations have been updated as per the recommendations by the County Planning Board. The Collin County Commissioners Court conducted a public hearing regarding the proposed update of the Collin County Subdivision Regulations on November 5, 2012 and the public notification about the public hearing was published on October 7, 2012 and October 21, 2012. The public hearing allowed interested parties to address the proposed revisions to Collin County Subdivision Regulations. The Collin County Subdivision Regulations were adopted by the Collin County Commissioners Court following the public hearing. The signed Court Order (No. 2012-828-11-05) is attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Present storm water and erosion control section of the Subdivision Regulations to the Commissioners Court for approval in Year 5</li> </ul>	<ul style="list-style-type: none"> <li>Approval of regulations</li> </ul>	11/05/12	

Documentation Attached

\* Reporting period extended through 11/05/12

List of Attachments: Notice of Public Hearing  
 Revised Collin County Subdivision Regulations  
 Court Order No. 2012-828-11-05

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

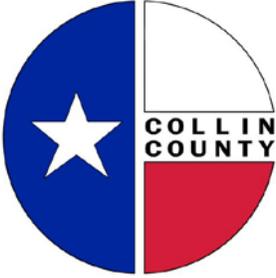
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>EROSION CONTROL</b> <b>PLAN REVIEW PROCEDURES</b>		<b>C-2</b>
<p><b>Responsible Authority</b>  <b>* Engineering</b>                  Development Services</p> <p><b>Appropriateness of BMP</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>If No:</p> <p><input type="checkbox"/> Changes Proposed</p> <p><input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>All of the urbanized area in the unincorporated areas of Collin County is contained within the ETJs of the Cities of Lucas, McKinney and Wylie, and the County has interlocal agreements with each of these cities to regulate subdivisions in their ETJ, in accordance with House Bill 1445 and Chapter 242 of the Local Government Code. As such, inside the ETJs, plans which conform to that City's stricter requirements are submitted to the City, including erosion and sediment control plans, which the City reviews. For subdivisions inside the ETJ that disturb 1 acre or greater, the CGP requires the development of a SWPPP and construction site notices (CSN) or NOIs are to be provided to the MS4 operator (County). The County will track the CSNs and NOI/NOC/NOTs submitted by construction contractors.</p> <p>For the unincorporated areas, the County's authority is limited to commercial building permits, which includes submittal of plans and a SWPPP for disturbances between 1 and 5 acres. For each SWPPP submitted, the County will verify if it is in the Collin County urbanized area, and if so will provide additional inspection.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>During Year 5, the County received information for 12 new subdivisions or commercial building permits prior to August 12, 2012 and for 3 more permits from August 13, 2012 to October 17, 2012. The County's tracking system records the contractor, project type, project size (acres), address, the date the CSN and NOI/NOC/NOT are received and whether a copy of the SWPPP and/or site notices are on file with the County. Based on the records, 12 CSN and 3 NOI have been received. 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.</p>		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Verify and track SWPPPs submitted to the County</li> <li>Review EC plans outside of ETJ (if authorized)</li> </ul>	<ul style="list-style-type: none"> <li>List NOIs/CSNs # of plans reviewed</li> </ul>	10/11/12	

Documentation Attached

\* Reporting period extended through 10/11/12

List of Attachments: CSNs/NOIs submitted to the County

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011– AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>CONSTRUCTION INSPECTION</b>		<b>C-3</b>
<p><b>Responsible Authority</b> * <b>Engineering</b></p> <p><b>Appropriateness of BMP</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No                      If No:  <input type="checkbox"/> Changes Proposed  <input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>As described in BMP C-2, the County has interlocal agreements with the Cities of Lucas, McKinney and Wylie granting them exclusive jurisdiction to regulate subdivisions in their ETJs.</p> <p>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. If authorized outside of the ETJ (see BMP C-1), the County's inspection procedures will be modified to include on-site inspections to ensure compliance with the erosion control regulations. The County will train their building inspectors to perform visual storm water BMP inspections in conjunction with other inspections. Inspectors will attend the NCTCOG's training program (BMP C-5).</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<p><b>PROPOSED CHANGE</b></p> <p>None</p>			
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>Inspection and tracking procedures have been implemented by the County. A general inspection checklist has also been developed and is used to document inspections and compliance with CGP provisions as shown in the attachment. However, new software is being implemented to trigger the inspections through this form effectively.</p> <p>Full time inspectors who inspect for code violations and for septic permits have undertaken various training. Two inspectors attended the TOWTRC (Texas On-Site Wastewater Treatment Research Council) Annual Conference in Waco on 02/21/12. One of them also attended NCTCOG Legal overview legislative update for Code Enforcement in Arlington on 10/14/11. Another inspector took classes on 5/7/12 and the license exam on 10/09/12.</p> <p>The part-time commercial inspector employed with the city of Mckinney has reviewed NCTCOG modules for storm water training. He also attended a 6 hour class which was applied to his Inspector's license on 12/10/11.</p>			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Send inspectors to NCTCOG training</li> <li>Perform construction inspections</li> <li>Track construction inspections</li> </ul>	<ul style="list-style-type: none"> <li>Date and attendees at training</li> <li>List of inspections</li> </ul>	8/12/2012	

Documentation Attached   
 List of Attachments: Stormwater General Inspection Checklist

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

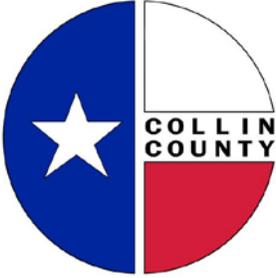
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>INFORMATION SUBMITTED BY THE PUBLIC</b>		<b>C-4</b>
<p><b>Responsible Authority</b>                  * Engineering                  Information Technology</p> <p><b>Appropriateness of BMP</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>If No:</p> <p><input type="checkbox"/> Changes Proposed</p> <p><input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>The Phase II Small MS4 General Permit requires that the County develop 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.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>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. There were no calls or e-mails received on the hotline in Year 5. Collin County Engineering Department received an email from the City of McKinney on 09/17/12 about a potential illicit discharge. On 09/19/12 and 09/20/12, the County inspector walked the site and saw no evidence of any paint or oil being disposed of. The investigation was closed after the site visit.</p>		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Promote hotline</li> <li>Receive and log public comments</li> </ul>	<ul style="list-style-type: none"> <li>Web page screen capture</li> <li>List of public comments and investigations</li> </ul>	09/21/12	

Documentation Attached

\* Reporting period extended through 09/21/12

List of Attachments:    Web page screen capture  
 Email from Inspector for 09/17/12 Complaint  
 Complaint forwarded from City of McKinney

**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>NCTCOG INSPECTOR CERTIFICATION TRAINING</b>		<b>C-5</b>
<p><b>BMP DESCRIPTION</b></p> <p>The NCTCOG sponsors training sessions for construction storm water inspectors that focus on the TPDES CGP, which became effective on March 10, 2003. The goal of these training sessions is to increase compliance by increasing familiarity with the CGP requirements and reviewing standard practices. The training includes discussion of site development plans, design calculations, proper BMP selection and installation as well as inspection requirements and regulations.</p> <p>The County will send two lead inspectors to the NCTCOG's training in Year 3 and hold internal training classes for inspectors. In subsequent years, the County will send newly hired inspectors to a construction training class within 1 year of hire (depending on the scheduled training dates). The NCTCOG training class, Storm Water Pollution Prevention During Construction, or equivalent training class will be utilized.</p>			
<p><b>Responsible Authority</b>                  * Engineering                  Public Works                  Development Services</p>		<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>• Continue existing activities until permit renewal</li> </ul>	
<p><b>Appropriateness of BMP</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>If No:</p> <p><input type="checkbox"/> Changes Proposed</p> <p><input type="checkbox"/> NOC Submitted Date _____</p>		<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>	
<p><b>Measurable Goal Successfully Implemented?</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>		<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County has two inspectors who attended the NCTCOG training class during the Permit Year 3. No new inspectors were hired during Year 4 or Year 5.</p>	
<p><b>Implementation Activity</b></p>		<p><b>Measurable Goal</b></p>	
<ul style="list-style-type: none"> <li>• Send new hire inspectors to NCTCOG or other equivalent training</li> </ul>		<ul style="list-style-type: none"> <li>• Dates and attendees</li> </ul>	
		<p><b>Completion Date</b></p> <p>8/12/12</p>	

Documentation Attached   
 List of Attachments:

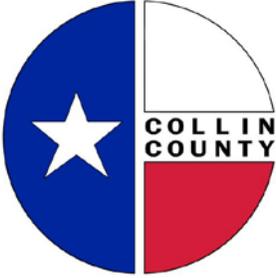
**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> AUGUST 13, 2011 – AUGUST 12, 2012		<b>YEAR 5</b>
	<b>DESIGN GUIDANCE FOR CONSTRUCTION</b>		<b>C-6</b>
<b>Responsible Authority</b> * Engineering	<b>BMP DESCRIPTION</b> As part of the review of the erosion control section of the subdivision regulations (C-1), the County will review the integrated Storm Water Management (iSWM™) Design Manual for Construction that was developed by NCTCOG to determine if it provides sufficient guidance to support the subdivision regulations, or if additional guidance needs to be developed.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• None</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The Engineering Department reviewed the integrated Storm Water Management (iSWM™) Design Manual for Construction that was developed by NCTCOG while revising the subdivision regulations during Year 2. No further subdivision regulation implementation activities were scheduled for Year 5. The revised subdivision regulations were approved by the Collin County Commissioners Court on 11/05/12.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• None</li> </ul>		<ul style="list-style-type: none"> <li>• None</li> </ul>	C-6 Completed during previous permit years

Documentation Attached

List of Attachments:

**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> AUGUST 13, 2011 – AUGUST 12, 2012		<b>YEAR 5</b>
	<b>GIS MAP OF ACTIVE CONSTRUCTION SITES</b>		<b>C-7</b>
<b>BMP DESCRIPTION</b> The County will develop a GIS map of active construction sites to facilitate construction inspections and track the location of NOIs that are submitted to the County.			
<b>Responsible Authority</b> * GIS / Rural Addressing Engineering			
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date			
<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>			
<b>PROPOSED CHANGE</b> None			
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County continues to build their construction GIS database. There were 5 commercial construction activities and 11 County construction activities reported during year 5. There has been no residential development reported. The GIS Construction Activity Map is being updated to reflect new activities.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Update GIS map of active construction sites based on NOIs submitted to the County</li> </ul>		<ul style="list-style-type: none"> <li>Updated GIS map</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    GIS Map of active construction sites

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> AUGUST 13, 2011– AUGUST 12, 2012		<b>YEAR 5</b>
	<b>LONG TERM OPERATION AND MAINTENANCE OF BMPs</b>		<b>PC-1</b>
<b>BMP DESCRIPTION</b> The TPDES Small MS4 general permit requires jurisdictions to provide for the long-term operation and maintenance of the post-construction BMPs that are constructed in new development and redevelopment projects that disturb areas of one acre or greater.			
<b>Responsible Authority</b> * Engineering Public Works GIS / Rural Addressing			
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>			
<b>PROPOSED CHANGE</b> None			
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> Recent County construction activity within the MS4 has resulted in permanent BMPs to stabilize drainage areas. The County is currently mapping these BMP structures to establish a data base for future maintenance and upkeep. The Public Works and GIS teams have created an inventory map and list to track the maintenance of BMPs and show updates of permanent BMPs. The County is currently updating the inventory list and the map.  O&M practices and schedules have been developed based on EPA recommendations for different BMPs (detention/retention practices, infiltration facilities, dry swales, grassed channels, biofilters, filter strips, bioretention etc.). These O&M procedures will be implemented when post-construction BMPs that need County maintenance are identified.  Road side ditches which are part of the County's MS4 consist of grassed lined channels that are maintained under Good Housekeeping BMP (GH-2).			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Continue to maintain BMPs according to O&amp;M plan</li> <li>Maintain and update GIS map (as needed)</li> </ul>		<ul style="list-style-type: none"> <li>Work orders for maintenance</li> <li>Updated map</li> </ul>	8/12/12

Documentation Attached

List of Attachments: Updated Map and attribute table to track the maintenance of BMPs

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

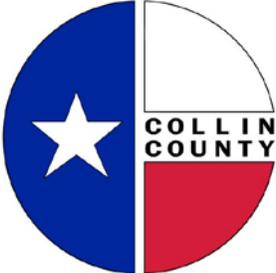
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>NCTCOG STORM WATER          POLLUTION PREVENTION TRAINING</b>		<b>GH-1</b>
<b>Responsible Authority</b> <b>* Engineering</b>	<b>BMP DESCRIPTION</b> The County will participate in the NCTCOG's Regionally Developed Initiative (RDI), "Preventing Storm Water Pollution: What We Can Do" Municipal Employee Training. Designated County employees will attend the "Train-the-Trainer" workshop sponsored by NCTCOG. The County trainer will then prepare and implement general training for County employees on storm water pollution prevention techniques. The training course can be held in two-hour training sessions at the department level. The following departments will receive pollution prevention training: Engineering and Development Services. Educational resources provided by NCTCOG include Instructor's Guides, Videos, Training Modules, Shop Posters, and Supplemental Materials for training.		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date	<b>PROPOSED CHANGE</b> None		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County personnel have reviewed five training modules from the NCTCOG Storm Water Training website ( <a href="http://www.nctcog.org/envir/SEEClean/stormwater/program-areas/pollution_prevention/CD/">http://www.nctcog.org/envir/SEEClean/stormwater/program-areas/pollution_prevention/CD/</a> ) during Year 5. The "Materials Storage and Spill Cleanup Module" has been reviewed by 36 employees. The "Fleet Maintenance Module" has been reviewed by 33 employees. The "Parks and Grounds Maintenance Module" has been reviewed by 23 employees. The "Streets and Drainage Maintenance Module" has been reviewed by 9 employees. The "Land Disturbances Module" has been reviewed by 36 employees.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Hold 1 storm water training session for designated employees</li> </ul>	<ul style="list-style-type: none"> <li>List of training dates and attendees</li> </ul>	10/18/12	

Documentation Attached

\* Reporting period extended through 10/18/12

List of Attachments: Training Modules  
 Emails having details of Employees who reviewed the modules

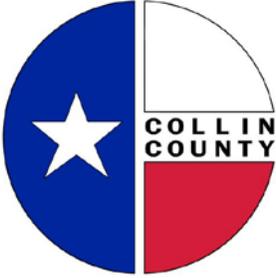
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>RIGHT-OF-WAY (ROW) MAINTENANCE</b>		<b>GH-2</b>
<b>Responsible Authority</b> * Public Works/ Road and Bridge	<b>BMP DESCRIPTION</b> 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 maintain 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.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	Soil 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.		
	Trash and floatables are bagged for disposal. The County currently uses the North Texas Municipal Water District landfill in Melissa for disposal of floatables.		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> 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. However the 2011 log data has been lost due to equipment theft at the beginning of 2012. Therefore the department only has log data for activities conducted in 2012. Monthly Reports for January 2012 to August 2012 have been generated for all maintenance activities, defined by County Road number and activity type.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Continue inspection, cleaning and maintenance</li> <li>Update maintenance/cleaning log</li> </ul>	<ul style="list-style-type: none"> <li>Maintenance/cleaning log</li> <li>Disposal log</li> </ul>	8/12/12	

Documentation Attached

List of Attachments:    Monthly Reports

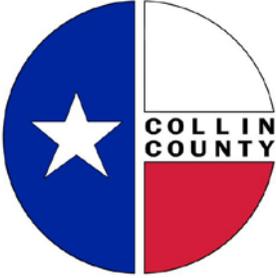
**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>SPILL RESPONSE AND PREVENTION</b>		<b>GH-3</b>
<p><b>Responsible Authority</b> * Fire Marshal</p> <p><b>Appropriateness of BMP</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No                  If No:  <input type="checkbox"/> Changes Proposed  <input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>A spill response and prevention program will train employees to prevent spills and to control releases by stopping the source, containing the spill, properly cleaning the spill, and properly disposing of the contaminated materials. The County has a HAZMAT truck and certified technicians for spill response and will continue their Spill Response Program. This program extends to areas in the County to prevent illicit discharges (ID-8) and to spill response and prevention at County facilities (GH-3).</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County continued to maintain a hazardous material spills program however no hazardous material spills were reported during Year 5.</p>			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Continue HAZMAT responsibilities in the County</li> </ul>		<ul style="list-style-type: none"> <li>List of HAZMAT calls and responses</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    Email from Fire Marshal's Office

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>ROADWAY / BRIDGE MAINTENANCE</b>		<b>GH-4</b>
<b>BMP DESCRIPTION</b> The goal of this management program is to reduce or eliminate pollutant loads which may result from the routine maintenance or repairs to roadways and bridges. 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.			
<b>Responsible Authority</b> *Public Works / Road and Bridge		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.	
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		Soil material removed during roadway and bridge 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.	
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Trash and floatables are bagged for disposal. The County currently uses the North Texas Municipal Water District landfill in Melissa for disposal of floatables.	
<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>			
<b>PROPOSED CHANGE</b> NONE			
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> 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: Severe Weather Damage Repair (Task 402), Berm Construction (Task 702), installation of Erosion Control Mats (Task Code 703, 704), Erosion Assistance (Task 705), applying Mulch-Compost (Task Code 706), installation of Erosion Control Socks (Tasks 707, 708 and 709), SWPPP Inspections (Task Code 710), Storm Damage Inspections (Task Code 733), Rip-Rap Construction (Task Code 712), Grass Seeding for Bermuda (Task Code 726), Grass Seeding for Rye (Task Code 731), and Grass Seeding for Fescue ((Task Code 727).			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Maintain work order system and erosion &amp; sediment control BMPs during activities as required by the TPDES CGP</li> </ul>		List of maintenance activities	8/12/12

Documentation Attached   
 List of Attachments:    Time and Material Logs for maintenance

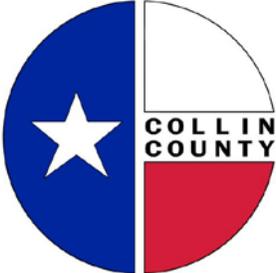
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>MATERIAL STORAGE FOR METAL</b>		<b>GH-5</b>
<b>Responsible Authority</b> <b>*Public Works</b>	<b>BMP DESCRIPTION</b> This management practice involves the proper storage of materials at County facilities to prevent or reduce the discharge of pollutants to storm water. These practices typically involve storing metals in a designated area, under cover to reduce exposure to storm water, installing secondary containment, inspecting the storage areas frequently and training employees. The County will design material storage areas for metal that is stored at three of the County facilities, the Public Works Service Center, the Farmersville County facility and the Weston County facility.		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• None</li> </ul>		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>PROPOSED CHANGE</b> NONE		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County was able to discard or recycle much of the stored metal through contracts with Garland Steel Metal Recycler. 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 as shown in the attached pictures.  The County recycled a total of 118,160 pounds of metal during Year 5.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>• None</li> </ul>	<ul style="list-style-type: none"> <li>• None</li> </ul>	Completed during Year 2 8/12/12	

Documentation Attached

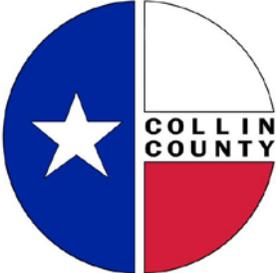
List of Attachments:    Recycled metal receipts  
 Pictures of Metal tarped

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>MATERIAL STORAGE FOR USED TIRES</b>		<b>GH-6</b>
<b>Responsible Authority</b> *Public Works	<b>BMP DESCRIPTION</b> The County has secured a private contract for disposal of used tires and will implement procedures to ensure that the inventory of used tires remains small and the storage times are reduced. The need for a covered material storage area will be reassessed on an annual basis for two of the County facilities, the Public Works Service Center and the Farmersville County facility. If necessary, the County will design and construct a material storage area for used tires.		
	<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> None		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County recycled 598 used tires during Year 5 (Passenger/Lt Truck= 208, Truck=390, Heavy off Roads= 0). In addition, the County shredded approximately 2,157 tires and disposed of them in a landfill. The County will continue to have a private disposal company pick up larger truck and off road tires that the County owned tire shredder cannot process. The shredder and disposal company keep storage time to a minimum. Currently, the discarded tires are picked up on a weekly basis and they are tarped during storage to prevent exposure to rain water. Big City Tire Service is now picking up the larger tires at no cost to the County.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Inventory used tires twice per year</li> <li>Recycle used tires</li> <li>Tarp temporarily stored used tires until contractor pickup</li> <li>Reassess annually the need for a covered storage</li> </ul>		<ul style="list-style-type: none"> <li>Used Tire Disposal Statements</li> </ul>	8/12/12

Documentation Attached   
 List of Attachments:    Used tire disposal logs  
                                   Tire manifests for recycling  
                                   Photos

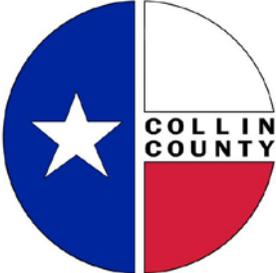
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>USED OIL COLLECTION AND RECYCLING</b>		<b>GH-7</b>
<p><b>Responsible Authority</b> *Public Works/ Equipment Services</p> <p><b>Appropriateness of BMP</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>If No:</p> <p><input type="checkbox"/> Changes Proposed</p> <p><input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b></p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>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 will document the recycling of automotive fluids and provide trip tickets from the disposal contractor.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County recycled a total of 3,215 gallons of used motor oil and eight (8) 55-gallon drums of used oil filters during Year 5 on the following dates: 9/12/11, 10/10/11, 12/06/11, 12/15/12, 1/30/12, 3/19/12, 4/30/12 and 6/28/12. United Recyclers provides non-hazardous special waste manifests to document the quantities of used oil and filters recycled. Copies of the waste manifests are attached.</p>			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Continue used oil collection and recycling program at the Public Works Service Center</li> <li>Use microbial hydrocarbon cleaner (as needed)</li> </ul>		<ul style="list-style-type: none"> <li>Trip tickets from disposal contractor</li> </ul>	8/12/12

Documentation Attached

List of Attachments:    Used oil recycling log  
 United Recyclers credit memos and waste manifests  
 List of Used Motor Oil Recycling Centers in City of McKinney

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

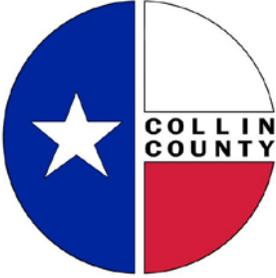
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012*</b>		<b>YEAR 5</b>
	<b>USE OF LICENSED APPLICATORS FOR HERBICIDES</b>		<b>GH-8</b>
<p><b>Responsible Authority</b>                  *Public Works                  Parks and Open Space</p> <p><b>Appropriateness of BMP</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No                  If No:  <input type="checkbox"/> Changes Proposed  <input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>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 Noncommercial Applicators for restricted-use or state-limited-use pesticides. Noncommercial 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.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County sent 3 staff members to training for maintenance of their Noncommercial Political Pesticide Applicator License. The licenses for County staff were issued on 11/30/11, 02/29/12, and 09/30/12; and expires one-year from date of issuance. Licenses are Texas Department of Agriculture Category 5 for "Right-of-Way Pest Control."</p>			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Annual training for applicators</li> <li>Document training and copies of licenses</li> </ul>	<ul style="list-style-type: none"> <li>Copy of licenses</li> </ul>	09/30/12	

Documentation Attached

\* Reporting period extended through 09/30/12

List of Attachments:    Copies of licenses

**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

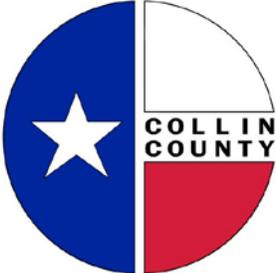
	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>SPILL PREVENTION TRAINING</b>		<b>GH-9</b>
<b>Responsible Authority</b> <b>*Public Works</b>	<b>BMP DESCRIPTION</b> The County has 21 employees that are trained and certified in spill prevention. The 8-hour training 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.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County provided Year 5 Chemical Spill Response Training (OSHA Level II) for 20 employees on July 18, 2012. The attendee list with date of training is attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Continue annual spill prevention training of County staff</li> </ul>	<ul style="list-style-type: none"> <li>Dates of training</li> <li>Attendee list</li> </ul>	7/18/12	

Documentation Attached

List of Attachments:    Attendee list



# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>LITTER CONTROL</b>		<b>GH-11</b>
<b>Responsible Authority</b> <b>*Public Works/ Facilities Maintenance</b>	<b>BMP DESCRIPTION</b> Litter control is a management practice that involves educating and training County employees on the proper storage and disposal of all materials found at a County facilities. The goal of a litter control program is to prevent the discharge of trash, debris and other pollutants from County facilities into local waterways and maintain safe and healthy work places. The County adheres to a litter control program at their Public Works Service Centers and administration buildings. Practices include tarp coverings on trucks to prevent wind-blown material and trash cans located conveniently throughout the facilities including employee break areas as well as at fueling islands. The County will implement quarterly inspections at Public Works Service Centers and schedule litter cleanup (as necessary).		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>PROPOSED CHANGE</b> NONE		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> Trash cans located at each of the four County Service Centers at Copeville, Farmersville, Weston and McKinney are emptied daily by Community Service Correction Division (CSCD) personnel and transferred to dumpsters. CSCD personnel also conduct litter pickup daily. Any windblown trash in the vicinity is picked up at that time. The County has a contract with IESI for dumpster pickup and disposal. IESI picks up the dumpsters biweekly. Dumpster lids are kept closed to prevent windblown trash and storm water exposure.  Quarterly inspections for litter control are performed at each Service Center along with BMP inspections for aggregate stockpiles (See BMP GH-13). If excessive trash is observed, it is noted in the Comments section of the BMP Inspection Form and CSCD personnel are instructed to pick up litter at that facility the following day. Inspections at each of the 4 County facility occurred on 11/02/2011, 2/17/2012, 4/4/2012 and 6/29/2012. Cleanups are done on a regular basis.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Quarterly inspection of facilities for litter</li> </ul>	<ul style="list-style-type: none"> <li>Dates of inspections</li> <li>Dates of cleanup (if needed)</li> </ul>	8/12/12	

Documentation Attached

List of Attachments:    See BMP GH-13

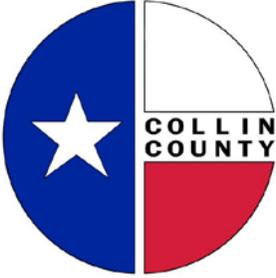
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>	<b>YEAR 5</b>
	<b>VEHICLE WASHING</b>	<b>GH-12</b>
<b>Responsible Authority</b> <b>*Public Works/ Equipment Services</b>	<b>BMP DESCRIPTION</b> 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 should be conducted on a regular basis. The County will inspect the grit trap at least twice per year and maintain the trap, as needed (at least annually).	
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Continue existing activities until permit renewal</li> </ul>	
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE	
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The drain pit (grit trap) for the service center car wash was pumped out by Select Environmental (sub-contracted to PSC Recovery Systems, LLC) on October 25, 2011 and March 27, 2012. The supervisor for the service center facility performs inspections and maintenance requirements on a regular basis. The maintenance log is attached.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Inspect grit trap twice per year</li> <li>• Maintain grit trap annually</li> </ul>	Maintenance logs for grit trap	07/09/12

Documentation Attached

List of Attachments: Maintenance log  
Cleanout invoices and trip tickets

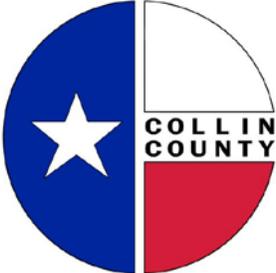
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>AGGREGATE STOCKPILES</b>		<b>GH-13</b>
<b>Responsible Authority</b> <b>*Public Works/ Road and Bridge</b>	<b>BMP DESCRIPTION</b> 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 material storage area behind the County Courthouse in McKinney, the Farmersville Facility, the Weston Facility, and the Copeville Facility. The County will maintain erosion control BMPs (silt fence or socks) around stockpile areas to prevent the transport of material off-site. The County will inspect these BMPs quarterly and replace or repair the BMPs as necessary.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> 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 each of the 4 facility stockpiles occurred on 11/02/2011, 2/17/2012, 4/4/2012 and 6/29/2012.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Inspect quarterly and maintain erosion control BMPs around stockpile sites</li> </ul>		<ul style="list-style-type: none"> <li>Inspection and maintenance logs</li> </ul>	6/29/12

Documentation Attached

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

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2011 – AUGUST 12, 2012</b>		<b>YEAR 5</b>
	<b>VEHICLE FUELING</b>		<b>GH-14</b>
<p><b>Responsible Authority</b>  <b>*Public Works/ Equipment Services</b></p> <p><b>Appropriateness of BMP</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No                  If No:  <input type="checkbox"/> Changes Proposed  <input type="checkbox"/> NOC Submitted Date _____</p> <p><b>Measurable Goal Successfully Implemented?</b>  <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>	<p><b>BMP DESCRIPTION</b></p> <p>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 counter-measure (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 6,000 gallons (5,000 diesel, 1,000 gas). The Farmersville fueling area is not covered. The County will provide for a covering or canopy at the Farmersville Facility as part of this BMP.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>Continue existing activities until permit renewal</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>None</p>		
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County maintains updated a Spill Prevention Control and Countermeasure Plan for Equipment Services at the Public Works Service Center at Wilmeth Road and the Farmersville Facility. The current plans were certified by a Professional Engineer in August of 2009. The required training detailed in the plan educates the County employees on the potential water quality impacts that may results from discharges from these two facilities.</p> <p>Leak detection tests were conducted on a monthly basis during Year 5 with passing results. Results of leak detection tests are maintained on-site and are available for review upon request.</p> <p>A canopy over the fuel storage and dispensing equipment at the Farmersville Facility is currently under construction as shown in the attached photo and should be completed in November, 2012. The diesel fuel island cover at the Public Works Service Center is also under construction as shown in the attached photo.</p>			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Maintain compliance with SPCC plan</li> <li>Construct canopy over fueling area</li> </ul>	<ul style="list-style-type: none"> <li>Leak detection reports</li> <li>Verification Photos</li> </ul>	8/12/12	

Documentation Attached

List of Attachments:    Leak detection reports  
                                   Verification Photos