

**TPDES Phase II MS4  
Year 2  
Annual Report  
TXR040035**

**Task 802 Report**

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November 9, 2009

Prepared for:

**Storm Water  
Management Program**



**Collin County  
210 S. McDonald St.  
McKinney, Texas 75069**

015401.010.1.0004

**NOT FOR CONSTRUCTION**

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Permit No.: STW / TXR040035 / RP

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

**A. General Information**

1. Permit No. TXR040035

Annual Report Period: August 13, 2008 – August 12, 2009

Name of MS4 / Permittee: Collin County MS4

Contact Name: Ruben Delgado, PE

Telephone Number: 972-548-3728

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

E-mail Address: rdelgado@collincountytx.gov

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

If "Yes," list all associated permit numbers and permittee names (add additional spaces or pages if needed):

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

4. Is this a system-wide annual report including information for all permittees?  X  Yes \_\_\_\_\_ No

Explanation, if any  Collin County is the only permittee

5. 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

*Changes were required for 7 BMPs. One Public Involvement BMP (PI-4) was found to be infeasible and an alternative BMP was substituted. Two Illicit Discharge BMPs (ID-6 and ID-7) were modified to include different implementation activities. Two Construction BMPs (C-2 and C-5) were revised and Year 2 activities were postponed to Year 3. Two Good Housekeeping BMPs (GH-1 and GH-6) were modified to include different implementation activities. Proposed changes are discussed in Table 2 and on BMP status sheet (see Section 6.0 of Annual Report)*

- b. If Yes to the above, has the TCEQ already approved the original SWMP?  Yes  No

*TCEQ approved the SWMP on June 8, 2009.*

- c. If Yes to the above, 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

*A NOC was completed and submitted to TCEQ. A copy of the completed NOC is included in Appendix 2 of this Annual Report. The NOC includes revised SWMP pages. Justification of changes and equivalent BMPs are discussed on the BMP status sheets included in Section 6.0 of this annual report.*

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.  Yes  No

*Muddy Creek (Segment 0820C) was listed in 2002. No additional listings for receiving waterbodies are noted on the 2008 303(d) list. No TMDLs have been developed for receiving waterbodies.*

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	Changes to BMPs are proposed and a NOC has been submitted
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?   X   Yes        No

Provide explanation:

*PI-4 -NCTCOG County Storm Water Managers Roundtable was determined to be infeasible since this group is no longer supported by the local Council of Governments. No meetings of this group were held during Permit Year 2 and none will take place in the future. An NOC has been submitted that substitutes an equivalent public involvement BMP. The County proposes to substitute the NCTCOG Public Works Council as an equivalent alternative. Attendance and participation in the Public Works Council meetings will serve the same purpose as the intent of the Roundtable meetings to share stormwater information among different MS4 operators in the DFW metroplex. The Public Works Council meets approximately 3 to 5 times per year with an annual public works roundup scheduled in May each year.*

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.:

*Of the 40 BMPs included in our SWMP, 34 BMPs are in the process of being implemented, 5 BMPs are not scheduled to begin implementation until Year 3 and 2 BMPs are complete in their implementation schedule. Of the 34 BMPs in the process of being implemented, 7 BMPs require modification and an NOC has been submitted to TCEQ. Three of the seven BMPs were NCTCOG Regionally Developed Initiatives (RDIs) and changes to our SWMP were required to be consistent with the RDIs.*

*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. The Phase I cities have much more experience and we are proposing to model our GIS mapping effort after Plano’s.*

- 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:

*The County only received 1 construction site notice (CSN) during Year 2 for a commercial building permit. No NOI/NOC/NOTs were received.*

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

If Yes, then provide the following information:

- 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.

*Changes are proposed for 7 BMPs PI-4, ID-6, ID-7, C-2, C-5, GH-1, and GH-6. Descriptions of the proposed changes are provided on the appropriate BMP status pages (Section 6.0) of the Annual Report and on the attachment to the NOC, a copy of which is located in Appendix 2.*

9. Describe any activities planned for the next permit year / reporting cycle.

*Descriptions of the activities planned for the next permit year are documented on the BMP Implementation Status pages (see Section 6.0 of the Annual Report)*

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

		Storm Water Management Program – Annual Report August 13, 2008 – August 12, 2009		TABLE 1 – YEAR 2 BMP STATUS		
		The table below lists the implementation activities and measurable goals developed for each BMP for Year 2. See individual BMP sheets for details and documentation.				
MCM(s)- BMP ID	BMP	Milestone of Permit Year		Status		
		Implementation Activity	Measurable Goal	New (N) or Revised (R)	Start Date	Status/ Completi on Date
PE-1	Classroom Storm Water Education	1 Meeting with Texas AgriLIFE 1 Meeting with Heard Museum	Minutes of 2 meetings		8/2008	In progress
PE-2	Storm Water Web Site	Development of storm water web site Establish links to related department web pages Promote Hotline (C-4) for public input	Screen shot of storm water main page and hotline page		8/2008	In progress
PE-3	Brochures	Distribute Illegal Dumping Brochures Select topic for Year 3 brochure Determine locations and number of brochures	Purchase Order for Illegal Dumping brochure Year 3 topic List of locations		2/2008	In progress
PE-4	Coordination with Texas AgriLIFE Extension	1 Meeting with local County Extension Agent Attend 2 Leadership Advisory Board meetings	1 meeting minutes 2 attendance sheets		2/2008	In progress
PE-5	NCTCOG Storm Water Public Education Task Force	Attend and stay informed of 2 Task Force meetings	2 Sign-in sheets		2/2008	In progress
PI-1	Collin County Adventure Camp	1 meeting with Environmental Outdoor School Coordinator	1 Meeting minutes		8/2008	In progress
PI-2	Storm Water Stakeholders Committee	Hold 1 meeting to review Year 1 Annual Report	Meeting minutes Attendance sheet		2/2008	In progress
PI-3	Stream Clean-Up Projects	None	None		8/2009	Not started
PI-4	NCTCOG Public Works Council (substituted for NCTCOG County Storm Water Managers Roundtable)	Stay informed of the Public Works Council meetings and attend at least 2 per year.	Dates of meetings attended List of members	R	8/2008	In progress
ID-1	Storm Drain System Mapping	Coordination meeting of City GIS departments Inventory of existing maps & features Sharing of available data	Meeting minutes List of features/attributes mapped Map inventory		2/2008	In progress
ID-2	Visual Monitoring of Outfalls	None	none		8/2009	Not started
ID-3	Illicit Discharge Investigations	None	none		8/2009	Not started
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	In progress
ID-5	Reduce Illegal Dumping	Continue existing program to combat illegal dumping	Map of illegal dump sites List of investigations		8/2007	In progress
ID-6	Household Hazardous Waste Collection	1 Meeting with Frisco collection center representatives	1 meeting minutes	R	8/2008	In progress
ID-7	Recycling Centers	Develop tracking mechanism for quantity of material recycled Begin tracking quantity of material recycled Add location map to web page	Tracking procedures Quantity of material recycled Screen shot of web page	R	2/2008	In progress
ID-8	Hazardous Material Spill Response	Continue HAZMAT responsibilities in the County	List of HAZMAT calls and responses		8/2007	In progress
ID-9	Reduce Failing Septic Systems	Continue OSSF inspection program	List of OSSF inspections		8/2007	In progress
C-1	Review Erosion Control Section of Subdivision Regs	Adopt changes to subdivision regulations	Adopted regulations		2/2008	In progress
C-2	Erosion Control Plan Review Procedures	Verify and track SWPPPs submitted to the County If changes to subdivision regulations are authorized outside of ETJ, revise plan review procedures accordingly	List of SWPPPs Draft procedures	R	2/2008	In progress
C-3	Construction Inspection	None	none		8/2009	Not started
C-4	Information Submitted by the Public	Implement hotline for public input Promote hotline Develop tracking procedure for logging public comments	1 hotline established Web page screen capture Written procedures		8/2008	In progress
C-5	NCTCOG Inspector Certification Training	Send two inspectors to training Hold 1 internal training for remaining inspectors	Dates and attendees for training classes	R	8/2008	In progress
C-6	Design Guidance for Construction	None	none		2/2008	Completed 8/2008
C-7	GIS Map of Active Construction Sites	Develop GIS map of active construction sites based on NOIs submitted to the County	GIS map with attributes		2/2008	In progress
PC-1	Long Term Operation and Maintenance of BMPs	None	none		8/2009	Not started
GH-1	NCTCOG Storm Water Pollution Prevention Training	Send 2 designated personnel to NCTCOG training Purchase NCTCOG training materials	Invoice - training materials Training certificates	R	8/2007	In progress
GH-2	ROW Maintenance	Continue inspection, cleaning and maintenance Update maintenance/cleaning log	Maintenance work orders Disposal log		8/2007	In progress
GH-3	Spill Response and Prevention	Continue HAZMAT responsibilities in the County	List of HAZMAT calls and responses		8/2007	In progress
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	In progress
GH-5	Material Storage for Metal	Design material storage areas for metal Construction of material storage areas	Verification photos		2/2008	Completed 8/12/09
GH-6	Material Storage for Used Tires	Continue to recycle used tires through contractor Assess need for covered storage area and construct (if necessary)	Recycling invoices Verification photos	R	2/2008	In progress
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	In progress
GH-8	Use of Licensed Applicators for Herbicides	Annual training for applicators Document training and copies of licenses	Copies of licenses		8/2007	In progress
GH-9	Spill Prevention Training	Continue annual spill prevention training of County staff	Date of training List of attendees		8/2007	In progress
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 Treatment chemical invoice		2/2008	In progress
GH-11	Litter Control	Quarterly inspection of facilities for litter	Dates of inspections Dates of cleanup (if needed)		8/2008	In progress
GH-12	Vehicle Washing	Inspect grit trap twice per year Maintain grit trap at least annually	Maintenance log for grit chamber		2/2008	In progress
GH-13	Aggregate Stockpiles	Inspect quarterly and maintain erosion control BMPs around stockpile sites	Inspection and maintenance logs		8/2007	In progress
GH-14	Vehicle Fueling	Update SPCC plan Maintain compliance with SPCC plan	Updated SPCC plan Leak detection reports		8/2007	In progress

		<b>Storm Water Management Program – Annual Report</b> August 13, 2008 – August 12, 2009		<b>TABLE 2 – YEAR 2 MEASURABLE GOAL STATUS</b>
The table below lists the measurable goals developed for each BMP for Year 2, 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	Minutes of 2 meetings	Met goal	None
PE-2	Storm Water Web Site	Screen shot of storm water main page and hotline	Met goal	None
PE-3	Brochures	Illegal Dumping brochure, List of locations	Met goal	None
PE-4	Coordination with Texas AgriLIFE Extension	1 meeting minutes, 2 attendance sheets	Met goal	None
PE-5	NCTCOG Storm Water Public Education Task Force	2 Sign-in sheets	Did not meet goal	None, The County will renew its membership in NCTCOG so it can participate in future task force meetings.
PI-1	Collin County Adventure Camp	1 Meeting minutes	Met goal	None
PI-2	Storm Water Stakeholders Committee	Meeting minutes, Attendance sheet	Met goal	None
PI-3	Stream Clean-Up Projects	None	--	None
PI-4	NCTCOG Public Works Council (substituted for NCTCOG County Storm Water Managers Roundtable)	Dates of meetings attended List of members	Met revised goal	The NCTCOG no longer hosts a County Managers Roundtable for the county to attend. Have substituted an equivalent BMP. The County currently participates as a member of the NCTCOG Public Works Council as equivalent BMP.
ID-1	Storm Drain System Mapping	Meeting minutes, List of features/attributes Map inventory	Met goal	None
ID-2	Visual Monitoring of Outfalls	none	--	None
ID-3	Illicit Discharge Investigations	none	--	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	Household Hazardous Waste Collection	1 meeting minutes	Met goal	Unable to participate in Frisco Collection Center. County will promote TCEQ collection days when held in Collin or surrounding Counties.
ID-7	Recycling Centers	Tracking procedures, Quantity recycled Screen shot of web page	Met goal	Recycling contractor is not able to report the quantity of recycled material by type. Will only be able to report tons of collected material per site.
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	Draft subdivision regulations	Met goal	None
C-2	Erosion Control Plan Review Procedures	List of SWPPPs Draft procedures	Partially met goal	Postponed revising the plan review procedures until the new subdivision regulations have been adopted in Year 3. The draft subdivision regulations will have to go through a public hearing process and may be modified further based on outcome.
C-3	Construction Inspection	none	--	None
C-4	Information Submitted by the Public	1 hotline established, Web page screen capture Written procedures	Met goal	None
C-5	NCTCOG Inspector Certification Training	Dates and attendees for training classes	Did not meet goal	Classes offered by the NCTCOG during Year 2 of the permit term were full. The County will complete the implementation activity in Year 3.
C-6	Design Guidance for Construction	none	--	None
C-7	GIS Map of Active Construction Sites	GIS map with attributes	Met goal	None
PC-1	Long Term Operation and Maintenance of BMPs	none	--	None
GH-1	NCTCOG Storm Water Pollution Prevention Training	Invoice - training materials Training certificates	Partially met goal	The NCTCOG only offered this training as a "train-the-trainer" type program during Year 1. No classes were offered during Year 2. The list of departments to receive this training was modified. Public Works and Fire Marshal employees receive similar training through GH-9 and Hazwoper training and do not need this training.
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	Verification photos	Met goal	None
GH-6	Material Storage for Used Tires	Recycling invoices Verification photos	Met revised goal	Most of the used tires that were stored on-site were removed by Tire recycling contractor. Currently, used tires are stored only temporarily until contractor pickup. The design of a permanent storage area for used tires is not required at this time. The need for a permanent structure will be reassessed annually and constructed if necessary
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 Treatment chemical 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	Updated SPCC plan, Leak detection reports	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): \_\_\_\_\_ Title: \_\_\_\_\_

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 April 9, 2009. The TCEQ issued permit coverage on June 8, 2009 and is currently in effect.

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### 3.0 RESPONSE TO TCEQ COMMENTS ON YEAR 1 ANNUAL REPORT

TCEQ completed an administrative review of Collin County's Year 1 Annual Report and provided comments regarding the annual report in a letter dated September 2, 2009. The MS4 Phase 2 Annual Report Checklist included with the TCEQ comment letter (included in **Appendix 1**) noted several missing items that are summarized below. Several of the items noted as missing were included in the Year 1 Annual Report and are described below. Only Item II G (documentation of public education resources) was actually missing. The BMP Status pages for MCM 1 have been modified to include this information and will be supplied in all future annual reports to TCEQ.

**Item I C.** The County submitted a copy of the Year 1 Annual Report to the TCEQ Regional Office on November 11, 2008. Documentation of delivery is available for review.

**Item II F.** For MCM 1 - Public Education and Outreach, documentation of activities conducted and materials used were provided on the individual BMP Status pages in the Year 1 Annual Report. Documentation included copies of available stormwater brochures, attendance sheets, and meeting summaries.

**Item II G.** For MCM 1, documentation of amount of resources that were used to address each sector of the community was missing from the Year 1 Annual. The BMP Status pages for MCM 1 have been revised to include this information. For Year 2, this information is documented in BMP status pages. In general, the sectors of the community are addressed by the BMPs as listed below. Depending the topic of the information contained in the brochures or on the web site, the information may pertain to certain segments of the population more than others. The specific segments of the populations addressed in the particular reporting year will be documented on the BMP status pages.

Residents: BMPs PE-1 Classroom Storm Water Education, PE-2 Storm Water Web Site, PE-3 Brochures, PE-4 Coordination with Texas AgriLife, and PE-5 NCTCOG Storm Water Public Education Task Force.

Visitors: BMPs PE-2 Storm Water Web Site, PE-3 Brochures, and PE-5 NCTCOG Storm Water Public Education Task Force

Public Service Employees: BMPs PE-2 Storm Water Web Site, PE-3 Brochures, and PE-5 NCTCOG Storm Water Public Education Task Force

Businesses: BMPs PE-2 Storm Water Web Site, PE-3 Brochures, and PE-5 NCTCOG Storm Water Public Education Task Force

Commercial and Industrial Facilities: BMPs PE-2 Storm Water Web Site, PE-3 Brochures, and PE-5 NCTCOG Storm Water Public Education Task Force

Construction Site Personnel: BMPs PE-2 Storm Water Web Site, PE-3 Brochures, and PE-5 NCTCOG Storm Water Public Education Task Force

**Item II H.** 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.

**Item II H.** The County did not implement any additional control measures other than those included in our SWMP.

**Item II L 1.** The Year 1 Annual Report does include the number of construction activities that occurred in the regulated area on the BMP Status page for C-2 Erosion Control Plan Review Procedures. As stated, the County received information from 5 construction site operators (2 residential and 3 commercial). A copy of the County's Construction Tracking spreadsheet was also included in the Year 1 Annual Report.

#### 4.0 NOTICE OF CHANGE

Changes to the SWMP that are made after TCEQ approval of the NOI and SWMP may be made following written approval of the changes from the TCEQ, except that written approval is not required for the following changes:

- (a) Adding components, controls, or requirements to the SWMP; or replacing a BMP with an equivalent BMP, may be made by the permittee at any time upon submittal of a notice of change (NOC) form to the address specified on the form to the TCEQ.
- (b) Replacing a less effective or infeasible BMP specifically identified in the SWMP with an alternate BMP may be requested at any time. Changes must be submitted on an NOC form to the address specified on the form. Unless denied in writing by the TCEQ, the change shall be considered approved and may be implemented by the permittee 60 days from submitting the request. Such requests must include the following:
  - (1) an explanation of why the BMP was eliminated;
  - (2) an explanation of the effectiveness of the replacement BMP; and
  - (3) an explanation of why the replacement BMP is expected to achieve the goals of the replaced BMP

As stated in the General Permit, the County may make changes to its SWMP. Since the County's SWMP and NOI have been approved by TCEQ, changes may be requested through a NOC form submitted to TCEQ. The County hereby requests changes to the SWMP to update implementation activities for seven BMPs. The proposed changes to the implementation schedules will accomplish full implementation within the 5-year permit term. Additional details of the proposed changes are provided on the BMP Status pages (See **Section 6**) for the following BMPs. An NOC form requesting these changes has been submitted to TCEQ. A copy of the NOC form and revised BMP pages are included in **Appendix 2**.

- PI-4 NCTCOG County Storm Water Managers Roundtable
- ID-6 Household Hazardous Waste Collection
- ID-7 Recycling Centers
- C-2 Erosion Control Plan Review Procedures
- C-5 NCTCOG Inspector Certification Training
- GH-1 NCTCOG Storm Water Pollution Prevention Training
- GH-6 Material Storage for Used Tires

## 5.0 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 annual report must be prepared and submitted regardless of whether the County's SWMP and NOI have been approved by TCEQ. The permit term began when the TPDES Small MS4 General Permit 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

## 6.0 BMP IMPLEMENTATION STATUS

This report serves as the Year 2 Annual Report for Collin County for the period August 13, 2008 through August 12, 2009 and contains those elements outlined above. The annual report is organized by Minimum Control Measures with one-page summaries of the Year 2 activities, Year 3 planned activities, and proposed changes. Documentation that the County has achieved the measurable goals are provided on enclosed CD.

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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>• 3 Meetings with ISDs (Lovejoy, McKinney and Wylie) to determine interest</li> </ul>		
	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> <p>The County initiated discussions with Texas AgriLIFE and the Heard Museum to determine the interest in developing storm water related educational programs. The County met with Dr. Greg Church of Texas AgriLIFE on 8/4/09. AgriLIFE is active in educational programs throughout Collin County and conducted a 4-hour educational workshop on Storm Water Management and Rain Gardens on 4/22/09. Approximately 25 residents attended the workshop. Collin County will work with the Extension Specialist in charge of Water Education in schools to bring storm water programs to the ISDs serving Collin County urbanized areas.</p> <p>The County conducted a telephone interview with staff from Heard Natural Science Museum and Wildlife Sanctuary in July 2009. The Heard Museum indicated that they do not currently have storm water educational programs and none are planned at this time. Further coordination with Museum staff to develop programs will take place in Year 3.</p>			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• 1 Meeting with Texas AgriLife</li> <li>• 1 Meeting with Heard Museum</li> </ul>		<ul style="list-style-type: none"> <li>• Minutes of 2 meetings</li> </ul>	8/4/09

Documentation Attached

List of Attachments:    Summary of meeting and telephone interview

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>STORM WATER WEB SITE</b>		<b>PE-2</b>
<b>Responsible Authority</b> <b>* Information Technology</b> Public Information Engineering	<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 Household Hazardous Waste Collection (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>Section of Population Addressed:</b> Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Develop storm water resource links page</li> <li>• Maintain web-site links</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 established a storm water web site ( <a href="http://www.co.collin.tx.us/engineering/stormwater/index.jsp">http://www.co.collin.tx.us/engineering/stormwater/index.jsp</a> ) with links to related department web pages including the Engineering Department page. The web page includes 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, Year 1 Annual Report, 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 web site 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.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>• Development of storm water web site</li> <li>• Establish links to related department web pages</li> <li>• Promote Hotline (C-4) for public input</li> </ul>	<ul style="list-style-type: none"> <li>• Screen shot of Storm Water main page</li> <li>• Screen shot of hotline page</li> </ul>	8/12/09	

Documentation Attached

List of Attachments: Web page screen shots (Link from Main Engineering Page, Storm Water Web Page, Report-A-Polluter)

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>	<b>YEAR 2</b>
	<b>STORM WATER BROCHURES</b>	<b>PE-3</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> 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.	
<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, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, 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>• Select topic for Year 4 brochure</li> <li>• Develop Year 3 brochure</li> <li>• Distribute brochures to kiosks</li> </ul>	
	<b>PROPOSED CHANGE</b> None	
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County continued to distribute the existing Illegal Dumping brochures at the kiosks located at the Fire Marshall's office and the Public Works Department. The County has a surplus of these brochures and an additional purchase order was not required to fulfill Year 2 distribution. These are general brochures on illegal dumping and pertain to all segments of the populations that visit County offices.  The County selected the topic for Year 3 brochures. The new brochure will focus on the County's Storm Water program and target the construction industry. The brochure will advertise Storm Water Website and educate individuals on the TCEQ requirements for Storm Water discharge and permitting.  The brochures will be located at the Collin County Engineering and Development Services Office and at the Public Works Facility on Wilmeth Road. The County also plans to include these brochures in their permit packets that are distributed to developers of commercial and residential projects through the Development Services Department.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Distribute Illegal Dumping Brochures</li> <li>• Select topic for Year 3 brochure</li> <li>• Determine locations and number of brochures</li> </ul>	<ul style="list-style-type: none"> <li>• Purchase order for brochures</li> <li>• Year 3 topic</li> <li>• List of locations</li> </ul>	8/12/09

Documentation Attached

List of Attachments:    Brochure topic, List of locations

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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.  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>• Develop list of storm water educational presentations and activities</li> <li>• Attend 2 Leadership Advisory Board meetings</li> </ul>		
<b>PROPOSED CHANGE</b> NONE			
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> Representatives from the Collin County Engineering Department attended two meetings of the Leadership Advisory Board of the Texas AgriLIFE Extension. The meetings were held on October 1, 2008 and April 1, 2009 at the City of Allen Public Library. Meeting agendas and attendance sheets are attached. During the April 1, 2009 Advisory Board meeting, a representative from the Engineering Department gave a presentation on Storm Water Management.  A meeting with the local County Extension office was held on August 4, 2009 to discuss AgriLIFE's educational activities that are related to storm water issues. Meeting minutes were prepared to document the discussion items. One educational workshop was sponsored by AgriLIFE during Year 2. A 4-hour workshop was held on April 22, 2009 on the topic of Storm Water Management and Rain Gardens. Approximately 25 people attended the workshop. A comprehensive list of all storm water related events held in Collin County was obtained from AgriLIFE.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• 1 Meeting with local County Extension Agent</li> <li>• Attend 2 Leadership Advisory Board meetings</li> </ul>		<ul style="list-style-type: none"> <li>• Meeting minutes</li> <li>• Attendance sheets</li> </ul>	8/4/2009

Documentation Attached

List of Attachments:    Agenda and Attendance Sheets for Leadership Advisory Board – 10/1/08 & 4/1/09  
 Meeting summary – 8/4/09  
 PowerPoint presentation handouts from 4/1/09 Advisory Board meeting on storm water  
 List of AgriLIFE events in Collin County

**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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, businesses 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 and 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> None during Year 2, Not able to meet goal		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</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> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County was not able to attend meetings of the Task Force during Year 2 because its membership as a part of the NCTCOG had lapsed due to a misunderstanding (see attached phone conversation summary). The County will rectify the situation by paying its annual dues next year to NCTCOG and participating in the Public Education Task Force meetings during Year 3.			
<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 meeting</li> </ul>		<ul style="list-style-type: none"> <li>• Copy of sign in sheets</li> </ul>	Not completed

Documentation Attached

List of Attachments:    Phone conversation summary

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>		<b>YEAR 2</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>Evaluate Water Quality Lab lesson plan and supplement with storm water related information (as appropriate)</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 with the Jim Parry and Karen Kristo, Environmental Outdoor School Coordinators of the Collin County Adventure Camp on August 4, 2009 to discuss opportunities for incorporation of storm water topics into the existing curriculum. County Engineering representatives toured the camp facilities. Discussion focused on existing and potential educational programs relating to storm water. Camp personnel explained some of their hands-on activities using a customized erosion simulator. A copy of the meeting summary is attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>1 meeting with Environmental Outdoor School Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Meeting minutes</li> </ul>	8/4/09	

Documentation Attached

List of Attachments: Meeting minutes

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>		<b>YEAR 2</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>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>Hold 1 meeting to review Year 2 Annual Report</li> </ul>		
	<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 on the 6 <sup>th</sup> floor of the Collin County Government Center. Seven representatives attended the SWSG meeting on November 3, 2008 to review the County's Year 1 progress toward meeting implementation goals and review the Year 1 Annual report prior to submission to TCEQ. Copies of the meeting minutes 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 1 Annual Report</li> </ul>	<ul style="list-style-type: none"> <li>Meeting minutes</li> <li>Attendance list</li> </ul>	11/3/08	

Documentation Attached

List of Attachments:    Meeting minutes  
    Sign-in sheet

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>	<b>YEAR 2</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>• Note potential locations during visual monitoring and bridge maintenance</li> <li>• Review and select guidance materials</li> </ul>	
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>N/A</b>	<b>PROPOSED CHANGE</b> NONE	
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> No activities were scheduled for Year 2.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• None (Not started)</li> </ul>	<ul style="list-style-type: none"> <li>• None (Not started)</li> </ul>	Not started

Documentation Attached

List of Attachments:

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>NCTCOG PUBLIC WORKS COUNCIL          (SUBSTITUTED FOR NCTCOG COUNTY          STORM WATER MANAGERS ROUNDTABLE)</b>		<b>PI-4</b>
<b>Responsible Authority</b> * <b>Engineering</b>	<b>BMP DESCRIPTION</b> The Public Works Council (PWC), initially established as the Public Works Advisory Committee in 1984, provides expertise and support to the NCTCOG on a wide range of local public works issues. The PWC provides continuing advice regarding the Public Works Construction Standards and comprehensive and consistent storm water management through iSWM. The PWC meets several times per year and hosts a Public Works Roundup annually. The PWC structure has 16 seats for the nine cities over 100,000 population (two seats each for the three largest cities) and the four largest counties including Collin County. The Director of Engineering of Collin County is a member of the PWC.		
<b>Appropriateness of BMP</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No: <input checked="" type="checkbox"/> Changes Proposed <input checked="" type="checkbox"/> NOC Submitted Date <u>11/12/09</u>	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Stay informed of the Public Works Council meetings and attend at least 2 per year.</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>PROPOSED CHANGE</b> According to the NCTCOG, meetings of the County Storm Water Managers Roundtable were suspended in 2008 and the NCTCOG will no longer host these meetings. An equivalent BMP has been substituted. The County currently participates as a member of the NCTCOG Public Works Council as a forum for exchanging ideas and pooling intellectual resources to address common needs including storm water issues. The County will stay informed of the Public Works Council meetings and attend at least 2 per year.		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> Five Public Works Council meetings were held at the NCTCOG offices in Arlington during Year 2 (9/18/08, 11/19/08, 12/4/08, 3/26/09, 7/9/09). The annual Public Works Roundup was held on May 5, 2009. A representative from Collin County attended 1 meeting (9/19/08) during Year 2. A copy of the attendance sheet is attached.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>Stay informed of the Public Works Council meetings and attend at least 2 per year.</li> </ul>	<ul style="list-style-type: none"> <li>Dates of meetings attended</li> <li>List of members</li> </ul>	8/12/09	

Documentation Attached

List of Attachments:    List of members  
                                   Attendance Sheet

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>	<b>YEAR 2</b>
	<b>STORM DRAIN SYSTEM MAPPING</b>	<b>ID-1</b>
<b>Responsible Authority</b> <b>* Engineering</b> GIS / Rural Addressing	<b>BMP DESCRIPTION</b> <p>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 streambanks. 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 into a county-wide system map. County personnel will attend NCTCOG training on outfall mapping.</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>• Coordination meeting City GIS coordinators in Collin County</li> <li>• Send staff to NCTCOG training</li> <li>• Sharing of available data</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>GIS contacts for the Phase I and Phase II cities were identified. Phase II communities in Collin County includes 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 County Engineering Department coordinated with the Kyle Odom at the City of McKinney on August 4, 2009 and shared available data. Other than McKinney, most Phase II cities are in the infancy stages of GIS mapping. They are willing to use a GIS attribute system that was developed by Plano to provide consistency and allow for sharing of data.</p> <p>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.</p>		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Meeting with City GIS coordinators on available data and schedule for map completion</li> <li>• Inventory of existing maps and features/attributes mapped</li> <li>• Sharing of available data</li> </ul>	<ul style="list-style-type: none"> <li>• Meeting minutes</li> <li>• List of features/attributes mapped</li> <li>• Map Inventory</li> </ul>	8/12/09

Documentation Attached   
 List of Attachments: Meeting summary with inventory and list of attributes  
 Collin County Culvert Map and Attributes, Plano GIS Map Attributes

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>		<b>YEAR 2</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 to make visual inspections for the presence of certain pollutants. If the County finds that the contamination is coming from an adjacent MS4, the County will refer the inspection results to the storm water coordinator for that municipality. The County 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>Develop written procedures and checklist</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No N/A	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> No activities were scheduled for Year 2.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>None (Not started)</li> </ul>	<ul style="list-style-type: none"> <li>None (Not started)</li> </ul>	Not started	

Documentation Attached

List of Attachments:

**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>		<b>YEAR 2</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>Develop written procedures and checklist</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No N/A	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> No activities were scheduled for Year 2.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>None (Not started)</li> </ul>	<ul style="list-style-type: none"> <li>None (Not started)</li> </ul>	Not started	

Documentation Attached

List of Attachments:

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>NCTCOG COOPERATIVE  WET WEATHER MONITORING</b>		<b>ID-4</b>
<b>Responsible Authority</b> * Engineering	<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>• 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>		
<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.			
<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>	8/12/09

Documentation Attached

List of Attachments:    Screen shot of Engineering web page with link to NCTCOG Wet-Weather Annual Report



# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>HOUSEHOLD HAZARDOUS WASTE COLLECTION</b>		<b>ID-6</b>
<b>Responsible Authority</b> * Engineering	<b>BMP DESCRIPTION</b> Collin County will implement a Household Hazardous Waste (HHW) Collection Program. The County will explore joint collection programs with neighboring communities. The cities of Allen and McKinney offer their residents curbside disposal of HHW. The City of Frisco operates an environmental collection centers for HHW. The County will meet with representatives from Frisco to discuss allowing residents in the unincorporated urbanized areas access to the collection centers for a single-day collection event each year.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input checked="" type="checkbox"/> Changes Proposed <input checked="" type="checkbox"/> NOC Submitted Date <u>11/12/2009</u>	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Determine cost to enter into agreement with City of Frisco for HHW services in the unincorporated urbanized area for one day collection event each year</li> <li>• Evaluate budget and Commissioners interest in participating in Frisco Collection Center</li> <li>• Promote TCEQ Ag Waste Collection Days on County storm water web page</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> The County does not have funding to support the Frisco Collection Center in providing these services. The measurable goals will be changed to promote TCEQ Ag Waste Collection Days in Collin and surrounding counties. The County will post the announcements on its newly developed storm water web page. The County will re-evaluate the Commissioners willingness to participate in the Frisco Collection Center on an annual basis.		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County initiated telephone inquiries with the Pippa Couvillion of the City of Frisco's Environmental Services Department during Year 2 to determine the feasibility of developing agreements between the City and County that would allow residents in unincorporated areas to utilize the services. At this point the County Commissioners have not committed additional funds to support the Frisco Collection Center to make services available to Collin County residents in unincorporated areas. The County is active in promoting TCEQ Agricultural Waste Collection Days as a mechanism for HHW disposal. One such collection day will be held during Year 3 on September 28, 2009 at Myers Park and Event Center in McKinney, Collin County. The County will promote this event and any other collection events in surrounding counties.			
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>• 1 Meeting with Frisco collection center representatives</li> </ul>	<ul style="list-style-type: none"> <li>• Meeting minutes</li> </ul>	8/12/09	

Documentation Attached

List of Attachments: Meeting discussion summary

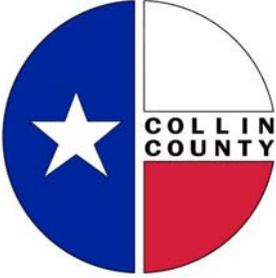
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>RECYCLING CENTERS</b>		<b>ID-7</b>
<b>Responsible Authority</b> *Public Works Public Information	<b>BMP DESCRIPTION</b> Collin County began its first recycling program in 2004 through a grant issued by the North Central Texas Council of Governments. Collin County currently has ten recycling containers strategically located throughout unincorporated areas and smaller cities. Recycling promotes a cleaner county by helping keep roads and bridges free of debris because much of the trash along county roads is recyclable material. Brochures like the one shown have been developed to promote the recycling centers throughout the County. Acceptable recyclable items include newspapers, magazines, junk mail, paper bags, glass, office paper, cardboard, soft cover books, catalogs, plastic bags, aluminum/tin cans, and plastic containers.		
	<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input checked="" type="checkbox"/> Changes Proposed <input checked="" type="checkbox"/> NOC Submitted Date <u>11/12/09</u>		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Develop tracking mechanism for quantity of material recycled</li> <li>• Begin tracking quantity of material recycled</li> <li>• Develop new brochure and distribute brochures</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b> The recycling contractor is not able to break the quantities out by type of material such as glass, plastic etc. The contractor has supplied the quantity collected on a monthly basis from each of the recycling centers. In Years 3 through 5, the County will report the number of tons of recycled material collected at each site for its measurable goal but will not be able to report the quantities by type of material.		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The recycling locations are listed on the Public Works Department web page. There were between 7 and 9 locations where recycling bins were available to residents of Collin County during Year 2. The web site was updated to include an interactive location map of each recycling centers. When you click on the name of the recycling center an interactive map is displayed that shows the location along with many other features including aerial photography, cities, roads, streams, etc. and allows the user to zoom and pan in the map window. Tracking procedures were developed to document the quantity of material recycled. The County began tracking in October 2008 and recycled a total of 489 tons of material. The breakdown by site is Melissa (64 tons), Branch (164), Nevada (75), Weston (58), Princeton (25), Lucas (29), Copeville (27), Anna (23), and Celina (24).			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Develop tracking mechanism for quantity of material recycled</li> <li>• Begin tracking quantity of material recycled</li> <li>• Add location map to web page</li> </ul>		<ul style="list-style-type: none"> <li>• Tracking procedures</li> <li>• Qty of material</li> <li>• Screen shot of web page</li> </ul>	8/12/09

Documentation Attached

List of Attachments:      Quantity tracking spreadsheet with quantity per site  
    Screen shot of location map on web page

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>HAZARDOUS MATERIAL SPILL RESPONSE</b>		<b>ID-8</b>
<b>Responsible Authority</b> *Fire Marshall	<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 HAZMAT responsibilities in the County</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 Marshall's Office responded to 3 hazardous spills in Collin County during Year 2. A list of calls and responses is attached.			
<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>	8/12/09

Documentation Attached

List of Attachments:    Lists of Hazmat call response by the Fire Marshall's office



**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>REVIEW OF</b> <b>EROSION CONTROL SECTION OF</b> <b>SUBDIVISION REGULATIONS</b>		<b>C-1</b>
<b>Responsible Authority</b> * County Attorney 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>Measurable Goal Successfully Implemented?</b>  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<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>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Adopt revised subdivision regulations</li> </ul>		
	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County accelerated the implementation of this BMP. The draft subdivision regulations were not scheduled to be drafted until Year 2 but this was completed during Year 1. The regulations were revised in February 2008 (Year 1) to include erosion and sediment control requirements. The regulations are in draft form and will be adopted in Year 3.  During Year 2, the County reviewed potential changes during the 2009 Legislative session to determine if there were any new regulations that would affect the County's subdivision regulations.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Draft changes to regulations</li> </ul>		<ul style="list-style-type: none"> <li>• Draft regulations</li> </ul>	8/12/09

Documentation Attached

List of Attachments:    Summary of Draft Subdivision Regulations and status

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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 checked="" type="checkbox"/> Changes Proposed</p> <p><input checked="" type="checkbox"/> NOC Submitted Date <u>11/12/09</u></p> <p><b>Measurable Goal Successfully Implemented?</b></p> <p><input type="checkbox"/> Yes    <input checked="" 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>• Verify and track SWPPPs submitted to the County</li> <li>• Modify and Adopt plan review procedures for commercial building permits for areas outside of ETJ</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>The County postponed revising the plan review procedures until the new subdivision regulations have been adopted in Year 3. The draft subdivision regulations will have to go through a public hearing process and the regulations may be modified further based on the outcome of the public hearing. The County will develop revised plan review procedures in Year 3 following the adopting of revised regulations.</p>		
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>During Year 2, the County received information from 1 contractor for new subdivisions or commercial building permits. The County's tracking system records the name of the contractor, the type of project, size of project (acres), address, date CSN and NOI/NOC/NOT are received and whether a copy of the SWPPP and/or site notices are on file with the County. 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> <p>Revised plan review procedures may include adding language to the commercial permit package that requires site notice submittal (1-5 acres) or NOI/NOC/NOT submittal (&gt;5 acres) and a final inspection to verify final stabilization. Revisions will be finalized in Year 3.</p>		
<p><b>Implementation Activity</b></p> <ul style="list-style-type: none"> <li>• Verify and track SWPPPs submitted to the County</li> <li>• If changes to subdivision regulations are authorized outside of ETJ, revise plan review procedures accordingly.</li> </ul>	<p><b>Measurable Goal</b></p> <ul style="list-style-type: none"> <li>• List of SWPPPs submitted to County</li> <li>• Revised procedures</li> </ul>	<p><b>Completion Date</b></p> <p>8/12/09</p>	

Documentation Attached  Tracking Spreadsheet of new CSNs, NOIs, NOCs, or NOTs submitted to County during Year 2

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008– AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>CONSTRUCTION INSPECTION</b>		<b>C-3</b>
<b>Responsible Authority</b> <b>* Engineering</b>	<b>BMP DESCRIPTION</b> 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.  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).		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Draft inspection and tracking procedures</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 type="checkbox"/> Yes <input type="checkbox"/> No N/A	<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> No activities were scheduled for Year 2.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>None (Not started)</li> </ul>	<ul style="list-style-type: none"> <li>None (Not started)</li> </ul>	Not started	

Documentation Attached

List of Attachments:

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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>• Promote hotline</li> <li>• Receive and log public comments</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>None</p>		
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>During Year 2, the County established a hotline to receive information from the public concerning construction storm water issues. The County established a local number (McKinney) and a Metro number as well as an email link that provides comments to the Engineering Department. The hotline is advertised on the County's web site. Written procedures were drafted to track and log information submitted by the public. These procedures will be finalized and implemented in Year 3.</p>		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>• Implement hotline for public input</li> <li>• Promote hotline</li> <li>• Develop tracking procedure for logging public comments</li> </ul>	<ul style="list-style-type: none"> <li>• 1 hotline established</li> <li>• Web page screen capture</li> <li>• Written procedures</li> </ul>	8/12/09	

Documentation Attached

List of Attachments:    Written procedures with web page screen capture promoting hotline



**STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT**

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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, guidance incorporated in subdivision regulations (C-1)</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b>		
<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. No further implementation activities were scheduled for Year 2.			
<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 8/12/08

Documentation Attached

List of Attachments:

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> AUGUST 13, 2008 – AUGUST 12, 2009		<b>YEAR 2</b>
	<b>GIS MAP OF ACTIVE CONSTRUCTION SITES</b>		<b>C-7</b>
<b>Responsible Authority</b> * GIS / Rural Addressing Engineering	<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>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 11/12/09	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Update GIS map of active construction sites based on NOIs submitted to the County</li> </ul>	
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROPOSED CHANGE</b>		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The information that was entered into the tracking system for Erosion Control Plan Review Procedures (BMP C-2) was used as the starting list of attributes for the GIS database. Name of the contractor, the type of project, size of project (acres), address, date CSN and NOI/NOC/NOT are received and whether a copy of the SWPPP and/or site notices are on file with the County. One (1) new CSNs was submitted to the County during Year 2. The County is in the process of developing a map of all subdivisions in Collin County based on the attached spreadsheet. The County plans to convert the digital as-builts for the subdivision database into GIS polygons and symbolize the map based on the stage of construction. The map will denote which are under construction, < 2 years after construction and > 2 years after construction. The 2 year post-construction timeframe is important since the County assumes maintenance of Roads and storm drain system after the 2 year period. Prior to 2 years the developer/contactor is responsible for maintenance.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Develop GIS map of active construction sites based on NOIs submitted to the County</li> </ul>		GIS map	8/12/09

Documentation Attached

List of Attachments:    Subdivision Database for GIS map with attribute list

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> AUGUST 13, 2008– AUGUST 12, 2009		<b>YEAR 2</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>• Develop operation and maintenance plan for post-construction BMPs</li> <li>• Develop GIS map of permanent BMP locations that require maintenance</li> </ul>			
<b>PROPOSED CHANGE</b> NONE			
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No N/A			
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> No activities were scheduled for Year 2.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• None (Not started)</li> </ul>		<ul style="list-style-type: none"> <li>• None (Not started)</li> </ul>	Not started

Documentation Attached

List of Attachments:

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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 includes Instructor's Guides, Videos, Training Modules, Shop Posters, and Supplemental Materials for training.		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input checked="" type="checkbox"/> Changes Proposed <input checked="" type="checkbox"/> NOC Submitted Date <u>11/12/09</u>	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>Develop County specific training and hold 1 training per department</li> </ul>		
<b>Measurable Goal Successfully Implemented?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>PROPOSED CHANGE</b> The County sent 2 representatives to the NCTCOG training during Year 1 and was planning on sending an additional 2 people during Year 2. The NCTCOG only offered this training as a "train-the-trainer" type program during Year 1. No classes were offered during Year 2. The County has 2 trained individuals, which is sufficient to conduct internal training in Years 3 through 5. The County also proposes to limit this training to Engineering and Development Services Departments. The Public Works employees that includes Equipment Services, Facilities Maintenance, Road and Bridge already attend an annual spill prevention training that covers many of the same topics. Also the Fire Marshal's office receives hazardous materials training as part of their duties for HazMat response that include pollution prevention topics.		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County downloaded the free material available on the NCTCOG web site for conducting in-house training sessions and is evaluating the applicability to County specific operations. <a href="http://www.nctcog.org/envir/SEEClean/stormwater/program-areas/pollution_prevention/CD/Version_1/P2_Training_Materials.asp">http://www.nctcog.org/envir/SEEClean/stormwater/program-areas/pollution_prevention/CD/Version_1/P2_Training_Materials.asp</a> <ul style="list-style-type: none"> <li>Materials Storage and Spill Cleanup Module</li> <li>Parks and Grounds Maintenance Module (may relate to Myers Park County employees under Engineering Department, Special Projects)</li> <li>Fleet Maintenance Module</li> <li>Streets and Drainage Maintenance Module</li> <li>Land Disturbances Module</li> <li>Solid Waste Operations Module</li> <li>Shop Posters</li> <li>Instructor's Guide and "Training the Trainer" Tips</li> </ul>			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>Send 2 designated personnel to attend NCTCOG training</li> <li>Purchase NCTCOG training materials</li> </ul>		<ul style="list-style-type: none"> <li>Training Certificates</li> <li>Invoice</li> </ul>	8/12/09

Documentation Attached

List of Attachments: List of available training materials available through free download

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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 maintains roadside ditches and ROW through a periodic inspection and preventative maintenance program. The County utilizes log books and a work order system to document the preventative maintenance of the ROW.		
<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 _____	Material removed from the ROW is used as fill if possible and stabilized with erosion control mats and vegetated with a seed mixture. If contamination is suspected, the material is tested and taken to an approved site for disposal. The County currently uses the North Texas Municipal Water District landfill in Melissa for disposal of floatables.		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Continue inspection, cleaning and maintenance</li> <li>• Update maintenance/cleaning log</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 continued its on-going program of inspection, cleaning and maintenance of the ROW. The Public Works Road and Bridge Department maintains a log of all activities conducted. Monthly Reports are generated for all maintenance activities that list the County Road number and the type of activity conducted.		
<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>	8/12/09	

Documentation Attached

List of Attachments:    Monthly Activity Report for Road & Bridge Department (August 2008 – August 2009)

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>SPILL RESPONSE AND PREVENTION</b>		<b>GH-3</b>
<b>Responsible Authority</b> <b>* Fire Marshall</b>	<b>BMP DESCRIPTION</b> 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).		
<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 HAZMAT responsibilities in the County</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 continued to respond to hazardous material spills and documented response to 3 spills during Year 2. None of the three spills occurred at County facilities.			
<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>	8/12/09	

Documentation Attached

List of Attachments:    List of spill response dates

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>ROADWAY / BRIDGE MAINTENANCE</b>		<b>GH-4</b>
<p><b>Responsible Authority</b> *Public Works / Road and Bridge</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 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.</p> <p>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.</p> <p>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. The County currently uses the North Texas Municipal Water District landfill in Melissa for disposal of floatables.</p>		
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <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>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>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 materials costs associated with the maintenance activities. The maintenance is broken into different task codes for different activities including: installation of Erosion Control Mats (Task Code 704), Erosion Assistance (Task 705), Berm Construction (Task 702), installation of Erosion Control Socks (Tasks 707, 708 and 709), SWPPP Inspections (Task 710, 733), Grass Seeding for Rye, Bermuda and Fescue (Tasks 731, 726, 727).</p>			
<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	8/12/09	

Documentation Attached

List of Attachments:    Road & Bridges Time and Materials System report

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>MATERIAL STORAGE FOR METAL</b>		<b>GH-5</b>
<b>Responsible Authority</b> *Public Works	<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>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>		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County was able to discard or recycle much of the stored metal. The remainder of the metal has been moved to an indoor storage building and is not exposed to storm water. The County was able to utilize an existing storage building and did not need to design or construct a material storage area. Verification photos are attached. Any metal that requires temporary outdoor storage will be covered with a tarp to prevent contact with storm water.			
<b>Implementation Activity</b>		<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Design material storage areas for metal</li> <li>• Construction of material storage areas</li> </ul>		<ul style="list-style-type: none"> <li>• Design plans</li> <li>• Verification Photos</li> </ul>	Completed 8/12/09

Documentation Attached

List of Attachments:    Verification photos

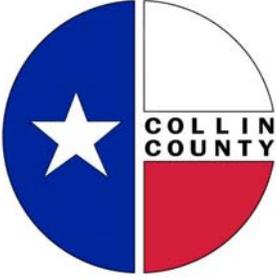
# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>MATERIAL STORAGE FOR USED TIRES</b>		<b>GH-6</b>
<b>Responsible Authority</b> *Public Works	<b>BMP DESCRIPTION</b> The County will secure a private contract for disposal of the 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.		
	To assess the need for covered storage, the County will conduct an inventory every 6 months of the numbers of used tires and the length of storage. A suitable marking system will be used to mark the tires to indicate the date that the used tire was placed in storage area and all efforts will be made to minimize the storage times.		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b> <ul style="list-style-type: none"> <li>• Continue to recycle used tires</li> <li>• Implement inventory system with storage times</li> <li>• Reassess annually the need for a covered material storage area for used tires and construct (if necessary)</li> </ul>		
<b>Appropriateness of BMP</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input checked="" type="checkbox"/> Changes Proposed <input checked="" type="checkbox"/> NOC Submitted Date <u>8/12/09</u>	<b>PROPOSED CHANGE</b> Through the County's tire recycling contractor, 493 used tires that were stored on-site were removed. Currently, used tires are stored only temporarily until contractor pickup. The design of a permanent storage area for used tires is not required at this time. The need for a permanent structure will be reassessed annually and constructed if necessary. Notice of change submitted with annual report.  To assess the need for covered storage, the County will conduct an inventory every 6 months of the numbers of used tires and the length of storage. A suitable marking system will be used to mark the tires to indicate the date that the used tire was placed in storage area and all efforts will be made to minimize the storage times.		
<b>Measurable Goal Successfully Implemented?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>PROGRESS DURING CURRENT REPORTING PERIOD</b> The County recycled 493 used tires during Year 2 (Passenger/Lt Truck= 346, Truck=134, Heavy off Roads= 13). The County will continue to contract with a private disposal company to keep used tire storage to a minimum and reduce the amount of time used tires are exposed to rain water. The design of a used tire storage area is not necessary at this time. The need for a permanent structure will be reassessed annually and constructed if necessary. Able Tire Company provided recycling for the majority of Year 2. Beginning in June 2009, the County contracted with Liberty Tire Recycling, LLC for recycling. An executed contract and price list are attached.		
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>	
<ul style="list-style-type: none"> <li>• Continue to recycle used tires through contractor</li> <li>• Assess need for covered storage area and construct (if necessary)</li> </ul>	<ul style="list-style-type: none"> <li>• Recycling invoices</li> <li>• Verification photos</li> </ul>	8/12/09	

Documentation Attached

List of Attachments:    Purchase Orders / Invoices  
                                   Tire disposal service contracts  
                                   Verification photos (before and after) documenting removal

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>
	<b>USED OIL COLLECTION AND RECYCLING</b>		<b>GH-7</b>
<b>Responsible Authority</b> *Public Works/ Equipment Services  <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>BMP DESCRIPTION</b>  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.		
	<b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</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>		
	<b>PROPOSED CHANGE</b> NONE		
<b>PROGRESS DURING CURRENT REPORTING PERIOD</b>  The County recycled a total of 2,600 gallons of used motor oil and (2) 55-gallon drums of used oil filters on the following dates: 10/10/08, 6/8/09, 6/11/09, 6/23/09, and 7/15/09. 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.			
<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>	8/12/09

Documentation Attached

List of Attachments:    Waste Manifest from United Recyclers

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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>• Annual training for applicators</li> <li>• Document training and copies of licenses</li> </ul>		
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>		
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County sent 5 staff members to training for maintenance of their Noncommercial Political Pesticide Applicator License. Each applicator renews their license on the anniversary of its issuance. The licenses expire one year from the effective date unless renewed. Continued certification requires annual training and CEUs. The licenses for County staff were issued on 9/19/08, 11/5/08, 2/6/09, 6/2/09, 9/5/09 and expire 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>	8/12/09	

Documentation Attached

List of Attachments:     (5) Noncommercial Political Pesticide Applicator Licenses

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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 17 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 annual spill prevention training of County staff</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 Chemical Spill Response Training (OSHA Level II) for 17 employees on July 15, 2009. 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>	7/15/09

Documentation Attached

List of Attachments:     Sigma Consulting and Training, Inc. Attendance List – 7/15/09

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>	<b>YEAR 2</b>
	<b>VEHICLE MAINTENANCE</b>	<b>GH-10</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>This BMP involves the development of a program that focuses on controlling pollutants and reducing storm water impacts from the County's automobile maintenance shop. Vehicle maintenance facilities typically contain significant quantities of fuels, solvents and motor oils and often generate large amounts of waste. Preventative measures such as good housekeeping, spill control, parts cleaning and recycling of automotive fluids including antifreeze, waste oil, transmission and hydraulic fluid are necessary to minimize the impacts of this generated waste.</p> <p>The Collin County Public Works Service Center performs maintenance on County vehicles. A central floor drain within the fleet maintenance shop drains through an oil/sand separator before being discharged to the sanitary sewer. The soil/sand separator must be maintained on a regular basis to function properly. The County will continue to maintain the oil/sand separator and document these maintenance activities as part of their SWMP.</p> <p>The County treats oil/sand filter with Power Play Active Bacteria that breaks down any fuels, solvents and motor oil. No clean out and disposal is necessary. The County applies treatment based on manufacturers' specifications and documents dates of treatment in a maintenance log. Annual testing of TPH allows staff to access the treatment effectiveness and modify dosage (if needed).</p>	
	<p><b>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</b></p> <ul style="list-style-type: none"> <li>• Inspect oil/sand separator twice per year</li> <li>• Treat separator with Power Play Active Bacteria according to manufacturer's specifications</li> </ul>	
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>	
	<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The oil/sand separator located at the maintenance shop was inspected on 6/15/09 and 8/3/09 and serviced on 8/5/09. A sample of the material collected on 8/3/09 and was sent to Anachem, Inc. laboratory for analysis of Total Petroleum Hydrocarbons to assess treatment effectiveness and to modify dosage requirements if necessary. The oil/sand separator is treated on a regular basis according to manufacturer's specifications. The County had sufficient inventory of the treatment chemicals for Year 2. Additional purchases of Power Play Active Bacteria were not needed in Year 2.</p>	
<b>Implementation Activity</b>	<b>Measurable Goal</b>	<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Inspect oil/sand separator twice per year</li> <li>• Treat separator with Power Play Active Bacteria according to manufacturer's specifications</li> </ul>	<ul style="list-style-type: none"> <li>• Maintenance logs for oil/sand separator</li> <li>• Treatment chemical invoice</li> </ul>	8/12/09

Documentation Attached

List of Attachments: Anachem Analytical COC and Report

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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>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>Quarterly inspection of facilities for litter</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> Trash cans located at each of the four County Service Centers are emptied daily by Community Service Correction Division (CSCD) personnel and transferred to dumpsters. 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.			
<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>	8/12/09

Documentation Attached

List of Attachments:

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>	<b>YEAR 2</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 need (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>• Inspect grit trap twice per year</li> <li>• Maintain grit trap at least annually</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) located at the Public Works Service Center car wash was inspected in 6/15/09 and 8/3/09 and serviced on 8/5/09. A sample of the material was collected on 8/3/09 and sent to Anachem, Inc. laboratory for analysis of Total Petroleum Hydrocarbons prior to disposal. A copy of the analytical results are attached. A disposal contractor was hired to remove accumulated sludge and dispose of material. A copy of the quote and TCEQ sludge transporter registration 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	8/12/09

Documentation Attached

List of Attachments: Quote from Disposal Contractor and TCEQ Sludge Transporter Registration  
 Anachem Analytical COC, Report, P.O. and invoices

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</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 Service Center 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>Inspect quarterly and maintain erosion control BMPs around stockpile sites</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 10/29/08, 1/21/09, 4/13/09, 7/23/09, and 8/3/09.			
<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>	8/12/09

Documentation Attached

List of Attachments:    BMP Inspection Forms

# STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<b>REPORTING PERIOD:</b> <b>AUGUST 13, 2008 – AUGUST 12, 2009</b>		<b>YEAR 2</b>	
	<b>VEHICLE FUELING</b>		<b>GH-14</b>	
<p><b>Responsible Authority</b>                  *Public Works/                  Equipment Services</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>• Maintain compliance with SPCC plan</li> <li>• Preliminary design for canopy over fueling area</li> </ul>			
	<p><b>PROPOSED CHANGE</b></p> <p>NONE</p>			
<p><b>PROGRESS DURING CURRENT REPORTING PERIOD</b></p> <p>The County updated the Spill Prevention Control and Countermeasure Plan for Equipment Services at the Public Works Service Center at Wilmeth Road and the Farmersville Facility. Results of leak detection tests are maintained on-site and are available for review upon request.</p>				
<b>Implementation Activity</b>		<b>Measurable Goal</b>		<b>Completion Date</b>
<ul style="list-style-type: none"> <li>• Update SPCC plan</li> <li>• Maintain compliance with SPCC plan</li> </ul>		<ul style="list-style-type: none"> <li>• Updated SPCC plans</li> <li>• Leak detection reports</li> </ul>		8/12/09

Documentation Attached

List of Attachments:    Cover of updated SPCC Plans for Wilmeth Road and Farmersville facilities dated August 2009

## **Appendix 1**

### **TCEQ Comments on Year 1 Annual Report**

Tracy

Buddy Garcia, *Chairman*  
Larry R. Soward, *Commissioner*  
Bryan W. Shaw, Ph.D., *Commissioner*  
Mark R. Vickery, P.G., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 2, 2009

Mr. Ruben Delgado  
Collin County  
825 North McDonald Street  
McKinney, Texas 75069

Re: Collin County MS4 – Annual Report Review  
TPDES Permit No. TXR040035 (CN600745038; RN105481071)

Dear Mr. Delgado:

We have received the annual report for Collin County that was submitted on November 12, 2008 for the Year 1 reporting period for the above-referenced permit. We have performed an administrative review of this report and identified certain items missing in this submittal. The attached review checklist provides additional information on the missing items. Please make sure that your Year 2 report, which is due **November 12, 2009**, includes these items. We did not perform a technical review of this report.

If you indicated in your annual report that the SWMP was not implemented during the reporting period because TCEQ had not yet approved the NOI; then we did not review any items related to implementation of the SWMP. Note that any portions of the SWMP that were not implemented in Year 1 must be completed by the date that the SWMP is formally approved and you receive your acknowledgement certificate. These tasks will also need to be included in the Year 2 annual report. In addition, if there are any differences between the approved SWMP and the information provided in this report or future reports, you must submit a notice of change (NOC) as required by the general permit.

The annual report for the second permit year (August 13, 2008 through August 12, 2009) is due on **November 12, 2009**. TCEQ will have an updated report form available, and we strongly encourage MS4 operators to use that template in preparing and submitting the report. This will greatly assist us in reviewing the reports, and will help to insure that we provide a timely response to permittees. Please make sure to also forward a copy of your annual report to the TCEQ regional office.

Finally, please be aware that discharges of the constituent(s) of concern to impaired water bodies for which there is a total maximum daily load (TMDL) implementation plan are not eligible for this general permit unless they are consistent with the approved TMDL and the implementation plan.

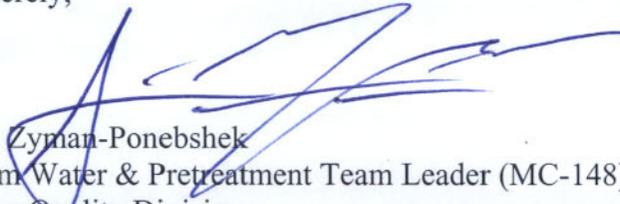
Mr. Ruben Delgado  
Page 2  
September 2, 2009

Permitted MS4 operators must incorporate the limitations, conditions and requirements applicable to their discharges, including monitoring frequency and reporting required by TCEQ rules, into their SWMP in order to continue to be eligible for coverage under the general permit.

If the discharge is no longer eligible for coverage under the general permit, then the MS4 operator would be required to apply for and receive an individual TPDES permit.

If you have any questions about the information in this letter, please do not hesitate to contact the Storm Water and Pretreatment Team at 512-239-4671.

Sincerely,



Jaya Zyman-Ponebshek  
Storm Water & Pretreatment Team Leader (MC-148)  
Water Quality Division  
Texas Commission on Environmental Quality

JZP/ev

## MS4 Phase 2 Annual Report Checklist

**Permit Number:** TXR040035

**Reporting Year:** 2008 (Year 1)

**Permittee(s):** Collin County

Yes / No / NA	I. SWMP Overview
	<b>A. Signature and Certification:</b>
Yes	1. Does the signature meet the requirements of 30 TAC Section 305.128? <i>For a municipality, state, federal, or other public agency, the report must be signed by either a principal executive officer or a ranking elected official, or by a person who has been properly authorized.</i>
Yes	2. Does the report include the following certification statement? "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 gather and evaluate 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
N/A	3. For a shared SWMP, is this a system-wide annual report that includes all permittees?
N/A	4. If yes, did all permittees sign the report and were all of the above signatory requirements met?
N/A	B. If applicable, does the report indicate that the permittee is relying on another entity/ies to satisfy some of its permit obligations?
No	C. Did the permittee submit a copy of the annual report or cc: the TCEQ regional office?
	<b>II. SWMP Implementation</b>
No	A. Did the permittee indicate that the SWMP was not yet implemented because the SWMP had not been approved by the end of Year 1? <i>If "yes," then skip items II.B. through II.J., and go directly to II.L.</i>
Yes	B. Does the report include information on the status of compliance with permit conditions?
Yes	C. Does the report include an assessment of the effectiveness of the identified BMPs?
Yes	D. Does the report include information on progress towards reducing the discharge of pollutants to the maximum extent practicable (MEP)?
Yes	E. Does the report include a summary of the results of any information (including monitoring data) that was collected and analyzed during Year 1 to assess the success of the SWMP at reducing the discharge of pollutants to the MEP?
No	F. For MCM 1, Public Education and Outreach, does the report include documentation of the activities conducted and materials used to fulfill the MCM?
No	G. For MCM 1, does the report document the amount of resources used to address each group (e.g., visitors, residents, etc.)?
No	H. For MCM 3, Illicit Discharge Detection and Elimination (IDDE), does the report include

a list of allowable non-storm water discharges?

N/A If yes, does the report describe the local controls and conditions that are established for the non-storm water discharges?

Yes I. Does the report list the measurable goals for each MCM?

*If no, explain what is missing:*

Yes J. Does the report evaluate the success of implementing all of the measurable goals?

*If no, explain what is missing:*

No K. If applicable, does the report include the status of any additional control measures implemented by the permittee?

L. Construction:

No 1. Does the report include the number of construction activities (other than those where the permittee was the operator) that occurred within the regulated area?

No 2. Does the permittee utilize the 7th MCM? If yes, answer a. and b. below:

N/A a. Does the report include the number of municipal construction activities?

N/A b. Does the report include the total number of acres disturbed?

### III. SWMP Revisions

Yes A. Does this report include any proposed changes to the SWMP in the coming reporting year?

*If yes:*

Yes 1. Does the annual report indicate that a notice of change (NOC) was submitted?

No 2. If no, was the SWMP approved before the date that the annual report was submitted?

No 3. If an NOC is not applicable, were the requested changes submitted to the permit writer who reviewed the SWMP?

N/A 4. **Is additional review required to determine if changes can be approved?**

### IV. Next Permit Year

Yes Does the annual report include a summary of the storm water activities that the permittee plans to undertake during Year 2?

### Additional Comments:

Reviewed by: Valeria Ross 08.24.09

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## **Appendix 2**

### **NOC Form to TCEQ requesting changes to SWMP**



**Notice of Change (NOC) to an Authorization  
for Storm Water Discharges from Small  
Municipal Separate Storm Sewer Systems  
(MS4) under the TPDES Phase II MS4 General  
Permit (TXR040000)**

**TCEQ Office Use Only**  
Permit No.:  
RN:  
CN:

\*\*\*\*\* IMPORTANT \*\*\*\*\*

PLEASE READ THE FOLLOWING INFORMATION AND INSTRUCTIONS BEFORE FILLING OUT THIS FORM.

The form will be returned for one of the following reasons:

- 1) the permit number is not provided, invalid, or no longer active,
- 2) a wet ink signature of person meeting signatory requirements for permittee is not provided,
- 3) the current permittee is not the applicant, and;
- 4) a requested change in operator name is not a legal name change .

**THIS FORM CANNOT BE USED FOR A CHANGE IN OPERATOR. REFER TO YOUR GENERAL PERMIT.**

What is the <b>Permit Number</b> of the authorization to be changed?	<b>TXR04</b>
--	--------------

**A. APPLICANT INFORMATION:** Search Central Registry at [www4.tceq.state.tx.us/crpub](http://www4.tceq.state.tx.us/crpub)

**1. Operator (Permittee)**

a. What is the full Legal Name of the current Operator as on the authorization?

b. What is the TCEQ Central Registry Customer Number assigned to this Operator?	<b>CN</b>
---	-----------

**2. Permitted Site (required)**

What is the TCEQ Central Registry Regulated Entity Number assigned for this permitted site?	<b>RN</b>
---	-----------

**B. REQUESTED CHANGE TO PERMITTED INFORMATION**

What information has changed or needs corrected?

(Check one or more of the sections being updated and enter the new information in the corresponding section of this form.)

<input type="checkbox"/>	Operator Legal Name Change with Texas Secretary of State (TX SOS). (Note: Permits are not transferable. If a change in entity has occurred, this NOC is not attainable.)
--------------------------	---

<input type="checkbox"/>	Address and contact information for Operator, Billing for Annual Fee or Site Mailing Address.
--------------------------	---

<input type="checkbox"/>	Site Information (Regulated Entity) (Note: Permits under a general permit are site specific. If a change in site location has occurred, this NOC is not attainable.)
--------------------------	---

<input type="checkbox"/>	Change To The Approved SWMP
--------------------------	-----------------------------

**1. OPERATOR LEGAL NAME CHANGE**

a. What is the NEW active Legal Name with TX SOS or on other legal document?

New Legal Name:

b. What is the TX SOS Filing Number for us to confirm this official name change? (This is only applicable to Limited Partnership or Corporations.)	
---	--

**2. ADDRESS & CONTACT INFORMATION CHANGE**

a. What mailing address and/or contact information has changed? (check one or more as applicable)

<input type="checkbox"/> Operator for permit correspondence		<input type="checkbox"/> Site (RE) Mailing Address and contact information
---	--	--

<input type="checkbox"/> Billing address/contact for Receiving Annual Fee Statement		
---	--	--

b. If you selected more than one, is the information to be updated the same for each selection?

- Yes – Provide the updated information in the fields below.  
No – Attachment 1 of the NOC is attached to this form, to provide the different addresses.

ATTN or C/O:

Address:	Suite No./Bldg. No./Mail Code:
----------	--------------------------------

City:	State:	Zip Code:
-------	--------	-----------

Country Mailing Information (if outside USA).	Country Code:	Postal Code:
---	---------------	--------------

Phone No.: ( )	Ext:	Fax No.: ( )	E-Mail:
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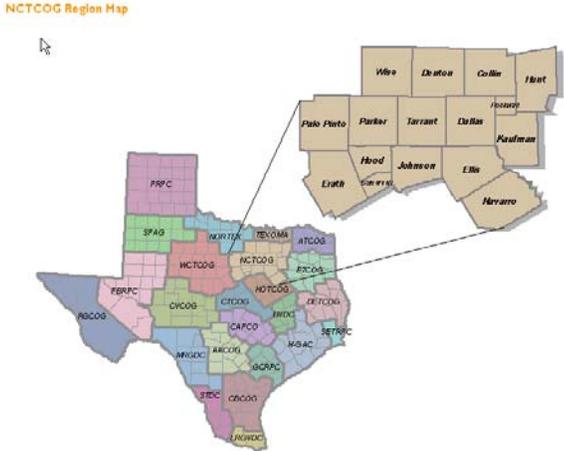
**Notice of Change  
Attachment 3**

Proposed Change to Replace an Infeasible BMP with an Alternate BMP

**PI-4 NCTCOG County Storm Water Managers Roundtable**

According to the NCTCOG, meetings of the County Storm Water Managers Roundtable were suspended in 2008 and the NCTCOG will no longer host these meetings. An equivalent BMP has been substituted. The County currently participates as a member of the NCTCOG Public Works Council as a forum for exchanging ideas and pooling intellectual resources to address common needs including storm water issues. The County will stay informed of the Public Works Council meetings and attend at least 2 per year.

A revised Storm Water Management Plan BMP page is included that outlines the new implementation activities and measurable goals.

	<b>NCTCOG PUBLIC WORKS COUNCIL (SUBSTITUTED FOR NCTCOG COUNTY STORM WATER MANAGERS ROUNDTABLE)</b>	<b>PI-4</b>
	<p><b>DESCRIPTION</b></p> <p>The Public Works Council (PWC), initially established as the Public Works Advisory Committee in 1984, provides expertise and support to the NCTCOG on a wide range of local public works issues. The PWC provides continuing advice regarding the Public Works Construction Standards and comprehensive and consistent storm water management through iSWM. The PWC meets several times per year and hosts a Public Works Roundup annually. The PWC structure has 16 seats for the nine cities over 100,000 population (two seats each for the three largest cities) and the four largest counties including Collin County. The Director of Engineering of Collin County participates as a member of the PWC as a forum for exchanging ideas and pooling intellectual resources to address common needs including storm water issues. The County will stay informed of the Public Works Council meetings and attend at least 2 per year.</p> <div style="text-align: right;">  </div>	
<p><b>RESPONSIBLE AUTHORITY</b></p> <p>* Engineering</p>	<p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>The County can participate in an established, regional program that has a proven track record for disseminating information throughout the community.</li> <li>Participating in a regional Public Works Council allows the sharing of information about products, experiences, and opportunities among participants from different counties within the DFW area.</li> <li>The County currently participates as a member of the Public Works Council</li> </ul>	
<p><b>APPLICABILITY</b></p> <p>Residents</p> <p>Visitors</p> <p>X Public Service Employees</p> <p>Businesses</p> <p>Commercial/Industrial</p> <p>Construction</p>		
<p><b>YEAR</b></p>	<p><b>IMPLEMENTATION ACTIVITY</b></p>	<p><b>MEASURABLE GOAL</b></p>
<p>1</p>	<ul style="list-style-type: none"> <li>None</li> </ul>	<p>None</p>
<p>2</p>	<ul style="list-style-type: none"> <li>Attend and stay informed of Public Works Council meetings</li> </ul>	<p>List of meetings attended List of attendees</p>
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## **Notice of Change Attachment 4**

Proposed Changes to Implementation Schedule and/or Measurable Goals

### **ID-6 Household Hazardous Waste Collection**

The County initiated telephone inquiries with the Pippa Couvillion of the City of Frisco's Environmental Services Department during Year 2 to determine the feasibility of developing agreements between the City and County that would allow residents in unincorporated areas to utilize the services. At this point the County Commissioners have not committed additional funds to support the Frisco Collection Center to make services available to Collin County residents in unincorporated areas. The County is active in promoting TCEQ Agricultural Waste Collection Days as a mechanism for HHW disposal. One such collection day will be held during Year 3 on September 28, 2009 at Myers Park and Event Center in McKinney, Collin County. The County will promote this event and any other collection events in surrounding counties. The County does not have funding to support the Frisco Collection Center in providing these services. The measurable goals will be changed to promote TCEQ Ag Waste Collection Days in Collin and surrounding counties. The County will post the announcements on its newly developed storm water web page. The County will re-evaluate the Commissioners willingness to participate in the Frisco Collection Center on an annual basis.

### **ID-7 Recycling Centers**

The recycling contractor is not able to break the quantities out by type of material such as glass, plastic etc. The contractor has supplied the quantity collected on a monthly basis from each of the recycling centers. In Years 3 through 5, the County will report the number of tons of recycled material collected at each site for its measurable goal but will not be able to report the quantities by type of material.

### **C-2 Erosion Control Plan Review Procedures**

The County postponed revising the plan review procedures until the new subdivision regulations have been adopted in Year 3. The draft subdivision regulations will have to go through a public hearing process and the regulations may be modified further based on the outcome of the public hearing. The County will develop revised plan review procedures in Year 3 following the adopting of revised regulations.

### **C-5 NCTCOG Inspector Certification Training**

The County was not able to complete the measurable goals for Year 2 because the classes offered by the NCTCOG during Year 2 of the permit term were full. The County will complete the implementation activity in Year 3.

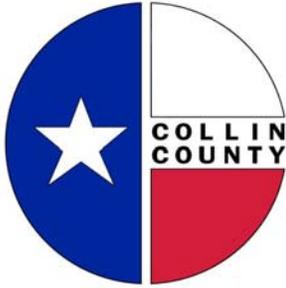
**GH-1 NCTCOG Storm Water Pollution Prevention Training**

The County sent 2 representatives to the NCTCOG training during Year 1 and was planning on sending an additional 2 people during Year 2. The NCTCOG only offered this training as a “train-the-trainer” type program during Year 1. No classes were offered during Year 2. The County has 2 trained individuals, which is sufficient to conduct internal training in Years 3 through 5. The County also proposes to limit this training to Engineering and Development Services Departments. The Public Works employees that includes Equipment Services, Facilities Maintenance, Road and Bridge already attend an annual spill prevention training that covers many of the same topics. Also the Fire Marshal’s office receives hazardous materials training as part of their duties for HazMat response that include pollution prevention topics.

**GH-6 Material Storage for Used Tires**

Through the County’s tire recycling contractor, 493 used tires that were stored on-site were removed. Currently, used tires are stored only temporarily until contractor pickup. The design of a permanent storage area for used tires is not required at this time. The need for a permanent structure will be reassessed annually and constructed if necessary. Notice of change submitted with annual report.

To assess the need for covered storage, the County will conduct an inventory every 6 months of the numbers of used tires and the length of storage. A suitable marking system will be used to mark the tires to indicate the date that the used tire was placed in storage area and all efforts will be made to minimize the storage times.

	<h2>HOUSEHOLD HAZARDOUS WASTE COLLECTION</h2>	<h2>ID-6</h2>																		
	<p><b>DESCRIPTION</b></p> <p>The County will explore joint collection programs with neighboring communities. The cities of Allen and McKinney offer their residents curbside disposal of HHW. The City of Frisco operates an environmental collection centers for HHW. The County will meet with representatives from Frisco to discuss allowing residents in the unincorporated urbanized areas access to the collection centers for a single-day collection event each year.</p> <div style="float: right; text-align: center;"> <p><b>HOUSEHOLD HAZARDOUS WASTE CENTER</b></p> <p><small>Location: 6726 Walnut, Frisco, TX 75034 Hours of Operation: Wednesdays 2 p.m. - 4 p.m. 1st Saturday of the month: 8 a.m. - Noon Closed Sunday and recognized holidays.</small></p>  <p><small>Residents may use the Household Hazardous Waste Center for safe and proper disposal of paints, solvents, fertilizers, used motor oil and other chemicals. It is illegal to place these items in your carts.</small></p> </div> <p>If an agreement cannot be reached with neighboring communities to make services available to Collin County residents in unincorporated areas, the County will promote TCEQ Agricultural Waste Collection Days as a mechanism for HHW disposal. One such collection day will be held during Year 3 on September 28, 2009 at Myers Park and Event Center in McKinney, Collin County. The County will promote this event and any other collection events in surrounding counties. The County will post the announcements on its newly developed storm water web page. The County will re-evaluate the Commissioners willingness to participate in the Frisco Collection Center on an annual basis.</p>																			
<p><b>RESPONSIBLE AUTHORITY</b></p> <p>* Engineering</p>	<p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>• Collin County currently does not have facilities that accept HHW.</li> <li>• Household chemicals are an important issue for Collin County, as the improper disposal of these materials into the sanitary sewer or storm drain system can pose significant risks to human health and the environment.</li> <li>• This BMP was recommended by the Storm Water Stakeholders Committee, and was the second highest priority BMP for Illicit Discharge Detection and Elimination.</li> </ul>																			
<p><b>APPLICABILITY</b></p> <p>X Residents</p> <p>Visitors</p> <p>X Public Service Employees</p> <p>Commercial</p> <p>Industrial</p> <p>Construction</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">YEAR</th> <th style="width: 55%;">IMPLEMENTATION ACTIVITY</th> <th style="width: 30%;">MEASURABLE GOAL</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td> <ul style="list-style-type: none"> <li>• None</li> </ul> </td> <td style="text-align: center;">None</td> </tr> <tr> <td style="text-align: center;">2</td> <td> <ul style="list-style-type: none"> <li>• 1 Meeting with Frisco collection center representatives</li> </ul> </td> <td style="text-align: center;">1 Meeting minutes</td> </tr> <tr> <td style="text-align: center;">3</td> <td> <ul style="list-style-type: none"> <li>• Promote the TCEQ HHW collection events in Collin and adjacent counties on web site</li> </ul> </td> <td style="text-align: center;">Dates of events Web page screen shot</td> </tr> <tr> <td style="text-align: center;">4</td> <td> <ul style="list-style-type: none"> <li>• Promote the TCEQ HHW collection events in Collin and adjacent counties on web site</li> </ul> </td> <td style="text-align: center;">Dates of events Web page screen shot</td> </tr> <tr> <td style="text-align: center;">5</td> <td> <ul style="list-style-type: none"> <li>• Promote the TCEQ HHW collection events in Collin and adjacent counties on web site</li> </ul> </td> <td style="text-align: center;">Dates of events Web page screen shot</td> </tr> </tbody> </table>		YEAR	IMPLEMENTATION ACTIVITY	MEASURABLE GOAL	1	<ul style="list-style-type: none"> <li>• None</li> </ul>	None	2	<ul style="list-style-type: none"> <li>• 1 Meeting with Frisco collection center representatives</li> </ul>	1 Meeting minutes	3	<ul style="list-style-type: none"> <li>• Promote the TCEQ HHW collection events in Collin and adjacent counties on web site</li> </ul>	Dates of events Web page screen shot	4	<ul style="list-style-type: none"> <li>• Promote the TCEQ HHW collection events in Collin and adjacent counties on web site</li> </ul>	Dates of events Web page screen shot	5	<ul style="list-style-type: none"> <li>• Promote the TCEQ HHW collection events in Collin and adjacent counties on web site</li> </ul>	Dates of events Web page screen shot
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	<h2>RECYCLING CENTERS</h2>		<h2>ID-7</h2>
<p><b>RESPONSIBLE AUTHORITY</b></p> <p><b>*Public Works</b> Public Information</p>	<p><b>DESCRIPTION</b></p> <p>Collin County began its first recycling program in 2004 through a grant issued by the North Central Texas Council of Governments. Collin County currently has ten recycling containers strategically located throughout unincorporated areas and smaller cities. Recycling promotes a cleaner county by helping keep roads and bridges free of debris because much of the trash along county roads is recyclable material. Brochures like the one shown have been developed to promote the recycling centers throughout the County. Acceptable recyclable items include newspapers, magazines, junk mail, paper bags, glass, office paper, cardboard, soft cover books, catalogs, plastic bags, aluminum/tin cans, and plastic containers.</p>		
<p><b>APPLICABILITY</b></p> <p>X Residents</p> <p>Visitors</p> <p>X Public Service Employees</p> <p>X Businesses</p> <p>Commercial/ Industrial</p> <p>Construction</p>	<p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>• Heightens public awareness of solid waste</li> <li>• Increases the longevity of landfills</li> <li>• Reduces floatables in storm drain system</li> <li>• Improves quality of surface water resources</li> <li>• The Storm Water Stakeholders Committee selected Recycling Programs as one of the top BMPs for Illicit Discharge Elimination.</li> <li>• Based on comments from Stakeholders, it became apparent that Collin County's Recycling Program was not widely known and would benefit from increased promotion.</li> </ul>		
<p><b>YEAR</b></p>	<p><b>IMPLEMENTATION ACTIVITY</b></p>	<p><b>MEASURABLE GOAL</b></p>	
<p>1</p>	<ul style="list-style-type: none"> <li>• List of recycling center locations and acceptable material</li> <li>• Update web page to reflect current locations</li> <li>• Develop location map to add to web page</li> </ul>	<p>List of locations Updated web page Location map</p>	
<p>2</p>	<ul style="list-style-type: none"> <li>• Develop tracking mechanism for quantity of material recycled</li> <li>• Begin tracking quantity of material recycled</li> <li>• Add location map to web page</li> </ul>	<p>Tracking procedures Qty of material Screen shot of web page</p>	
<p>3</p>	<ul style="list-style-type: none"> <li>• Track quantity of material recycled by location</li> <li>• Update web page (as needed)</li> </ul>	<p>Qty of material by location Screen shot of web page</p>	
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		<b>EROSION CONTROL PLAN REVIEW PROCEDURES</b>	<b>C-2</b>
<b>RESPONSIBLE AUTHORITY</b>  * <b>Engineering</b> Development Services		<b>DESCRIPTION</b>  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 (see Appendix 1) to regulate subdivisions in their ETJ, in accordance with House Bill 1445 and Chapter 242 of the Local Government Code. As such, inside the ETJ, 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 between 1 and 5 acres, the CGP requires the development of a SWPPP and construction site notice, to be provided to the MS4 operator (County). For sites greater than 5 acres, an NOI is required to be submitted to the County as operator of the MS4. For each NOI or CSN submitted, the County will verify if it is in the urbanized area, and if so will provide additional inspection.  For the unincorporated areas that are outside of the ETJs, the County's authority is limited to commercial building permits, which includes submittal of plans and a SWPPP and CSN for disturbances between 1 and 5 acres or NOI for sites greater than 5 acres.  As described in BMP C-1, The County will investigate whether it has the authority to modify its existing subdivision regulations to require erosion and sediment control BMPs. If the County does have this authority, it will revise its plan review procedures accordingly.	
<b>APPLICABILITY</b>  Residents  Visitors  Public Service Employees  Businesses  Commercial/Industrial  X Construction		<b>RATIONALE FOR SELECTION</b> <ul style="list-style-type: none"> <li>• The Phase II NPDES regulations require the establishment of plan review procedures that consider potential water quality impacts.</li> <li>• Helps to improve compliance with erosion and sediment control programs.</li> <li>• Cultivates better relationships between contractors and regulators.</li> </ul>	
<b>YEAR</b>	<b>IMPLEMENTATION ACTIVITY</b>	<b>MEASURABLE GOAL</b>	
1	<ul style="list-style-type: none"> <li>• Develop procedures for SWPPPs to verify if they are in the UA and track the SWPPPs submitted to the County</li> </ul>	List of SWPPPs/NOIs/CSNs/ NOCs/NOTs submitted to County	
2	<ul style="list-style-type: none"> <li>• Verify and track SWPPPs submitted to the County</li> </ul>	List of SWPPPs/NOIs/CSNs/ NOCs/NOTs	
3	<ul style="list-style-type: none"> <li>• If changes to subdivision regulations are authorized outside of ETJ, revise plan review procedures accordingly</li> <li>• Adopt plan review procedures outside of ETJ (if authorized)</li> <li>• Verify and track SWPPPs submitted to the County</li> </ul>	Draft procedures Adopted procedures List of NOIs/CSNs	
4	<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>	List of NOIs/CSNs # of plans reviewed	
5	<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>	List of NOIs/CSNs # of plans reviewed	
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	<b>NCTCOG INSPECTOR CERTIFICATION TRAINING</b>		<b>C-5</b>																		
	<p><b>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. In subsequent years, the County will send newly hired inspectors within 1 year of hire (depending on the scheduled training dates) to the NCTCOG or an equivalent training.</p>		<p><b>Construction Runoff</b></p> <p>All local governments must obtain coverage under the TPDES Construction General Permit for any municipal construction activities that disturb one or more acres (or collectively disturb one or more acres under a common plan of development).</p>  <p><b>NCTCOG Resources</b></p> <p><b>Training classes: Storm Water Pollution Prevention During Construction</b> The six-hour course is designed for municipal inspectors, but is also appropriate for contractors, engineers, and other personnel with responsibility for preventing storm water pollution during construction activities. Upcoming classes and registration information:</p> <ul style="list-style-type: none"> <li>• January 16, 2008</li> <li>• May 9, 2008</li> <li>• August 26, 2008</li> </ul> <p><b>ISWM Design Manual for Construction</b></p>																		
<p><b>RESPONSIBLE AUTHORITY</b></p> <p><b>* Engineering</b> Public Works Development Services</p>	<p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>• Helps to improve compliance with ESC programs</li> <li>• Cultivates better relationships between contractors and regulators</li> <li>• Participating in the NCTCOG sponsored "Storm Water Pollution Prevention During Construction" training sessions for construction storm water inspectors ensures that uniformity in inspection procedures in the DFW Metroplex.</li> </ul>																				
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	<h2>NCTCOG STORM WATER POLLUTION PREVENTION TRAINING</h2>		<h3>GH-1</h3>
	<p><b>DESCRIPTION</b></p> <p>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 includes Instructor's Guides, Videos, Training Modules, Shop Posters, and Supplemental Materials for training.</p>		<p><b>Municipal Pollution Prevention</b></p> <p><b>Preventing Storm Water Pollution: What We Can Do Municipal Employee Training Resources</b></p>  <p>The "Preventing Storm Water Pollution: What We Can Do" video and accompanying Storm Water Pollution Prevention Training Module Series are tools to assist local governments and state agencies in training their employees on storm water pollution prevention. The following sections contain descriptions of the training resources. Links are provided at the bottom of the page to access files for each of the training resources (except the video).</p> <p><b>Instructor's Guide</b> An Instructor's Guide is available to assist trainers in conducting their training programs. The Guide contains permit language, tips for preparing training sessions, overview information and talking points for the video and training modules, and a form for documenting training.</p> <p><b>Preventing Storm Water Pollution: What We Can Do Video</b> The "Preventing Storm Water Pollution: What We Can Do" video (total running time 10 minutes) provides a brief introduction to storm water pollution, possible storm water pollution impacts from municipal, county, or state government operations, and basic Best Management Practices (BMPs) for preventing storm water pollution.</p> <p>The video is available for purchase for \$20.00 plus \$8H from NCTCOG's Regional Information Center. Please contact Alice Webster at <a href="mailto:awebster@nctcog.org">awebster@nctcog.org</a> or (817) 895-9140 or download an order form to purchase the video. For additional information about the video, contact Jeff Rice, NCTCOG Project Coordinator, at <a href="mailto:jrice@nctcog.org">jrice@nctcog.org</a> or (817) 895-9212.</p>
<p><b>RESPONSIBLE AUTHORITY</b></p> <p>* Engineering</p>	<p><b>APPLICABILITY</b></p> <p>Residents</p> <p>Visitors</p> <p>X Public Service Employees</p> <p>Businesses</p> <p>Commercial/Industrial</p> <p>Construction</p> <p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>• Since the County occasionally hires new employees, an annual training effort will train new employees on storm water pollution prevention techniques within their first 12 months at the County, and will also provide a refresher course for existing employees to remind them of their role in storm water pollution prevention.</li> <li>• Implementation of a training program will have positive impacts on the water quality in the County and reduce the risks of contamination of local ponds and streams.</li> <li>• Implementation of a training program will also keep the County employees knowledgeable about pollution prevention and cleanup.</li> <li>• Participating in a regional program that is widely accepted.</li> </ul>		
<p><b>YEAR</b></p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p><b>IMPLEMENTATION ACTIVITY</b></p> <ul style="list-style-type: none"> <li>• Send 2 designated personnel to attend NCTCOG training</li> <li>• Purchase or download of NCTCOG training materials</li> <li>• Develop County specific training and hold 1 training per department</li> <li>• Hold 1 training for new employees</li> <li>• Hold 1 training for new employees</li> </ul>		<p><b>MEASURABLE GOAL</b></p> <p>Training Certificates</p> <p>List of training materials</p> <p>List of training dates and attendees</p> <p>List of training dates and attendees</p> <p>List of training dates and attendees</p>
<p><b>REFERENCES</b></p> <p>USEPA, 2002. <i>National Menu of Best Management Practices</i>. <a href="http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm">http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm</a></p> <p>NCTCOG Municipal Pollution Prevention, 2008. <a href="http://www.nctcog.org/envir/SEEclean/stormwater/program-areas/pollution_prevention/CD/Version_1/P2_Training_Materials.asp">http://www.nctcog.org/envir/SEEclean/stormwater/program-areas/pollution_prevention/CD/Version_1/P2_Training_Materials.asp</a></p>			

	<b>MATERIAL STORAGE FOR USED TIRES (Used Tire Recycling)</b>	<b>GH-6</b>
<b>RESPONSIBLE AUTHORITY</b>  <b>*Public Works</b>	<p><b>DESCRIPTION</b></p> <p>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 material in a designated area, installing secondary containment, inspecting the storage areas frequently and training employees. The County will secure recycling contractors to dispose of used tires. Used tires will only be stored outdoors temporarily until contractor pickup. Temporarily stored tires shall be tarped. A suitable marking system will be used to designate date tire was placed in storage. The County will conduct semi-annual inventory of used tire storage. The need for a permanent structure will be reassessed annually and constructed if necessary.</p>	
<b>APPLICABILITY</b>  Residents  Visitors  X Public Service Employees  Businesses  Commercial/ Industrial  Construction	<p><b>RATIONALE FOR SELECTION</b></p> <ul style="list-style-type: none"> <li>• Proper storage can greatly reduce the likelihood of discharges during storm events.</li> <li>• The County should eliminate exposure to storm water by providing covered areas for storage of used tires.</li> <li>• The County will increase the frequency that used tires are picked up by the recycling contractor to reduce the amount of material and time of exposure.</li> <li>• To assess the need for covered storage, the County will conduct an inventory every 6 months of the numbers of used tires and the length of storage. A suitable marking system will be used to mark the tires to indicate the date that the used tire was placed in storage area and all efforts will be made to minimize the storage times.</li> </ul>	
<b>YEAR</b>	<b>IMPLEMENTATION ACTIVITY</b>	<b>MEASURABLE GOAL</b>
1	<ul style="list-style-type: none"> <li>• Investigate contractor for recycling of used tires</li> <li>• Increase frequency of collection by contractor to at least 2 per year.</li> </ul>	Recycling Contract
2	<ul style="list-style-type: none"> <li>• Recycle used tires</li> <li>• Tarp temporarily stored used tires until contractor pickup</li> </ul>	Used Tire Disposal Statements Verification photos
3	<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 need for covered storage (annually)</li> </ul>	Used Tire Disposal Statements
4	<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 need for covered storage (annually)</li> </ul>	Used Tire Disposal Statements
5	<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 need for covered storage (annually)</li> </ul>	Used Tire Disposal Statements
<p><b>REFERENCES</b></p> <p>USEPA, 2002. <i>National Menu of Best Management Practices</i>. <a href="http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm">http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm</a></p>		

