

**TPDES Phase II MS4
Year 3
Annual Report
TXR040035**

Task 1202 Report

November 9, 2010

Prepared for:

**Storm Water
Management Program**



**Collin County
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McKinney, Texas 75069**

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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, 2009 – August 12, 2010

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 three Good Housekeeping BMPs . Good Housekeeping BMPs (GH-1 and GH-14) and Construction BMP C-1 were modified to shift implementation schedules. Proposed changes are discussed in Table 2 and on BMP status sheets (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 1 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 for bacteria impairment. According to the DRAFT 2010 Texas Water Bodies and Parameters Removed from the 303(d) List (dated February 5, 2010), Muddy Creek (Segment 0820C) is proposed to be delisted and meets category 5c. No additional listings for receiving waterbodies are noted on the Draft 2010 303(d) list (dated February 5, 2010). 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 2.00 (average)

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

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

Provide explanation:

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

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

Or, provide explanation below:

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

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

Of the 40 BMPs included in our SWMP, 38 BMPs are in the process of being implemented and 2 BMPs are complete in their implementation schedule. Of the 38 BMPs in the process of being implemented, 3 BMPs require modification and an NOC has been submitted to TCEQ.

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 3 for a commercial building permit. No NOI/NOC/NOTs were received.

6. Does the permittee utilize the 7th 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 7th 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 3 BMPs C-1, GH-1, and GH-14. 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 1.

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, 2009 – August 12, 2010		TABLE 1 – YEAR 3 BMP STATUS		
		The table below lists the implementation activities and measurable goals developed for each BMP for Year 3. 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	3 Meetings with ISDs (Lovejoy, McKinney and Wylie) to determine interest	Minutes of meeting List of classes or venues		8/2008	In progress
PE-2	Storm Water Web Site	Develop storm water resource links page Maintain web-site links	Screen shot of links page		8/2008	In progress
PE-3	Brochures	Select topic for Year 4 brochure Develop Year 3 brochure Distribute brochures to kiosks	Year 4 topic Purchase order for brochures		2/2008	In progress
PE-4	Coordination with Texas AgriLIFE Extension	Develop list of storm water educational presentations and activities Attend 2 Leadership Advisory Board Meetings	List of Storm Water Presentations # of attendees 2 attendance sheets		2/2008	In progress
PE-5	NCTCOG Storm Water Public Education Task Force	Attend and stay informed of 3 Task Force meetings/year Tailor RDIs and implement locally to educate public	2 Sign-in sheets List of RDI activities		2/2008	In progress
PI-1	Collin County Adventure Camp	Evaluate Water Quality Lab lesson plan and supplement with storm water related information (as appropriate)	Storm Water Lesson Plan supplement		8/2008	In progress
PI-2	Storm Water Stakeholders Committee	Hold 1 meeting to review Year 2 Annual Report	Meeting minutes Attendance sheet		2/2008	In progress
PI-3	Stream Clean-Up Projects	Note potential locations during visual monitoring and bridge maintenance Review and select guidance materials	List of locations Mock-up packet		8/2009	In progress
PI-4	NCTCOG Public Works Council (substituted for NCTCOG County Storm Water Managers Roundtable)	Attend and stay informed of County Roundtable meetings	List of meetings attended List of attendees		8/2008	In progress
ID-1	Storm Drain System Mapping	Coordination meeting City GIS coordinators in Collin County Send staff to NCTCOG training Sharing of available data	Meeting minutes Countywide map		2/2008	In progress
ID-2	Visual Monitoring of Outfalls	Develop written procedures and checklist	Written procedures/checklist		8/2009	In progress
ID-3	Illicit Discharge Investigations	Develop written procedures and checklist	Written procedures/checklist		8/2009	In progress
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	Promote the TCEQ HHW collection events in Collin and adjacent counties on web site	Date of events Web page screen shot		8/2008	In progress
ID-7	Recycling Centers	Track quantity of material recycled by location Update web page (as needed)	Quantity of material by location Screen shot – web page		2/2008	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 revised regulation	Adopted regulations	R	2/2008	In progress
C-2	Erosion Control Plan Review Procedures	If changes to subdivision regulations are authorized outside of ETJ, revise plan review procedures accordingly Adopt plan review procedures outside of ETJ Verify and track SWPPPs submitted to the County	Draft procedures Adopted procedures List of SWPPP/NOI/CSN		2/2008	In progress
C-3	Construction Inspection	Draft inspection and tracking procedures	Draft inspection and tracking procedures		8/2009	In progress
C-4	Information Submitted by the Public	Promote hotline Receive and log public comments	Web page screen capture List of public comments & investigations		8/2008	In progress
C-5	NCTCOG Inspector Certification Training	Send new hires to training	Date and 2 attendees for training class		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	Update GIS map of active construction sites based on NOIs submitted to the County	Updated GIS map		2/2008	In progress
PC-1	Long Term Operation and Maintenance of BMPs	Develop operation and maintenance plan for post-construction BMPs Develop GIS map of permanent BMP locations that require maintenance	Written O&M Plan Map of existing BMPs		8/2009	In progress
GH-1	NCTCOG Storm Water Pollution Prevention Training	Develop County specific training and hold 1 training per department	Training dates/attendees	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	None	None		2/2008	Completed 8/12/09
GH-6	Material Storage for Used Tires	Inventory used tires twice per year Recycle used tires Tarp temporarily stored used tires until contractor pickup Reassess annually the need for a covered storage	Used tire disposal invoices		2/2008	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 Chemical treatment 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	Maintain compliance with SPCC plan Preliminary design for canopy over fueling area	Leak detection reports Preliminary design	R	8/2007	In progress

		Storm Water Management Program – Annual Report August 13, 2009 – August 12, 2010		TABLE 2 – YEAR 3 MEASURABLE GOAL STATUS
The table below lists the measurable goals developed for each BMP for Year 3, success and proposed changes. See individual BMP sheets for details and documentation.				
MCM(s)- BMP ID	BMP	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
PE-1	Classroom Storm Water Education	Minutes of meeting List of classes or venues	Met goal	None
PE-2	Storm Water Web Site	Screen shot of links page	Met goal	None
PE-3	Brochures	Year 4 topic Purchase order for brochures	Met goal	None
PE-4	Coordination with Texas AgriLIFE Extension	List of Storm Water Presentations # of attendees 2 attendance sheets	Met goal	None
PE-5	NCTCOG Storm Water Public Education Task Force	2 Sign-in sheets List of RDI activities	Met goal	None
PI-1	Collin County Adventure Camp	Storm Water Lesson Plan supplement	Met goal	None
PI-2	Storm Water Stakeholders Committee	Meeting minutes Attendance sheet	Met goal	None
PI-3	Stream Clean-Up Projects	List of locations Mock-up packet	Met goal	None
PI-4	NCTCOG Public Works Council (substituted for NCTCOG County Storm Water Managers Roundtable)	List of meetings attended List of attendees	Met goal	None
ID-1	Storm Drain System Mapping	Meeting minutes Countywide map	Met goal	None
ID-2	Visual Monitoring of Outfalls	Written procedures/checklist	Met goal	None
ID-3	Illicit Discharge Investigations	Written procedures/checklist	Met goal	None
ID-4	NCTCOG Cooperative Wet Weather Monitoring	NCTCOG Annual Report	Met goal	None
ID-5	Reduce Illegal Dumping	Map of illegal dump sites List of investigations	Met goal	None
ID-6	Household Hazardous Waste Collection	Date of events Web page screen shot	Met goal	None
ID-7	Recycling Centers	Quantity of material by location Screen shot – web page	Met goal	None
ID-8	Hazardous Material Spill Response	List of HAZMAT calls and responses	Met goal	None
ID-9	Reduce Failing Septic Systems	List of OSSF inspections	Met goal	None
C-1	Review Erosion Control Section of Subdivision Regs	Adopted regulations	Did not meet goal	Postponed approval/adoption of subdivisions regulations until Year 4.
C-2	Erosion Control Plan Review Procedures	Draft procedures Adopted procedures List of SWPPP/NOI/CSN	Met goal	None
C-3	Construction Inspection	Draft inspection and tracking procedures	Met goal	None
C-4	Information Submitted by the Public	Web page screen capture List of public comments & investigations	Met goal	None
C-5	NCTCOG Inspector Certification Training	Date and 2 attendees for training class	Met goal	None
C-6	Design Guidance for Construction	None	Met goal	None
C-7	GIS Map of Active Construction Sites	Updated GIS map	Met goal	None
PC-1	Long Term Operation and Maintenance of BMPs	Written O&M Plan Map of existing BMPs	Met goal	None
GH-1	NCTCOG Storm Water Pollution Prevention Training	Training dates/attendees	Did not meet goal	Postponed pollution prevention training until Year 4.
GH-2	ROW Maintenance	Maintenance work orders Disposal log	Met goal	None
GH-3	Spill Response and Prevention	List of HAZMAT calls and responses	Met goal	None
GH-4	Roadway and Bridge Maintenance	List of maintenance activities	Met goal	None
GH-5	Material Storage for Metal	None	Met goal	None
GH-6	Material Storage for Used Tires	Used tire disposal invoices	Met goal	None
GH-7	Used Oil Collection and Recycling	Trip tickets from disposal contractor	Met goal	None
GH-8	Use of Licensed Applicators for Herbicides	Copies of licenses	Met goal	None
GH-9	Spill Prevention Training	Date of training List of attendees	Met goal	None
GH-10	Vehicle Maintenance	Maintenance logs Chemical treatment invoice	Met goal	None
GH-11	Litter Control	Dates of inspections Dates of cleanup (if needed)	Met goal	None
GH-12	Vehicle Washing	Maintenance log for grit chamber	Met goal	None
GH-13	Aggregate Stockpiles	Inspection and maintenance logs	Met goal	None
GH-14	Vehicle Fueling	Leak detection reports Preliminary design	Did not meet goal	The design of the canopy has been shifted until Year 4 and the construction will take place in Year 5.

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: _____

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.

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 three 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 1**.

- C-1 Review of Erosion Control Section of Subdivision Regulations
- GH-1 NCTCOG Storm Water Pollution Prevention Training
- GH-14 Vehicle Fueling

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 3 Annual Report for Collin County for the period August 13, 2009 through August 12, 2010 and contains those elements outlined above. The annual report is organized by Minimum Control Measures with one-page summaries of the Year 3 activities; Year 4 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

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	CLASSROOM STORM WATER EDUCATION WITH NPS MODELS		PE-1
<p>Responsible Authority *Engineering Public Information</p> <p>Appropriateness of BMP</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____</p> <p>Measurable Goal Successfully Implemented?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>BMP DESCRIPTION</p> <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> <p>Section of Population Addressed: Residents</p>		
	<p>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Develop educational materials • Hold 1 Educational class per ISD with NPS Model 		
	<p>PROPOSED CHANGE</p> <p>None</p>		
	<p>PROGRESS DURING CURRENT REPORTING PERIOD</p> <p>The County held discussions with Texas AgriLIFE regarding classroom educational opportunities. AgriLIFE is active in educational programs throughout Collin County and conducted several educational workshops on topic related to Storm Water Management. Texas AgriLIFE utilized a storm water trailer to educate children at Primrose Daycare Center in McKinney. Most of the classroom educational efforts have been focused on adult education. See attached list of educational classes held in the County.</p> <p>The County Sheriff's Department has conducted classroom educational programs in area schools that have focused on illegal dumping. Collin County will continue these educational programs and try to expand the emphasis to include the consequences of illegal dumping on storm water quality. On Feb 2 and Feb 4, 2010 Jeannine Langley (Collin County Public Works) and Lee Howe (Collin County Sheriff's Office) conducted a presentation to approx 100 students (each date) at Webb Elementary School (McKinney ISD). The McKinney ISD contact person was Eddie Wood.</p>		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • 3 Meetings with ISDs (Lovejoy, McKinney and Wylie) to determine interest 	<ul style="list-style-type: none"> • Minutes of meetings • List of classes or venues 	8/12/10	

Documentation Attached

List of Attachments: List of classes held in Collin County

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	STORM WATER WEB SITE		PE-2
Responsible Authority * Information Technology Public Information Engineering	BMP DESCRIPTION <p>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.</p>		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	Section of Population Addressed: Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Develop a web page to promote Stream Clean-Up Projects • Maintain web-site links 		
	PROPOSED CHANGE None		
PROGRESS DURING CURRENT REPORTING PERIOD <p>The county established a storm water web site (http://www.co.collin.tx.us/engineering/stormwater/index.jsp) 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, Annual Reports, NCTCOG wet weather monitoring results, locations of recycling centers, illegal dumping information, and subdivision regulations. Links are also provided to the EPA and TCEQ storm water websites for additional information on NPDES/TPDES regulations. The 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. An email link to Report-A-Polluter was added. A link to the Construction Activities Storm Water Brochure (PE-3) was added.</p>			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Develop storm water resource links page • Maintain web-site links 	<ul style="list-style-type: none"> • Screen shot of links page 	8/12/10	

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

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	STORM WATER BROCHURES		PE-3
Responsible Authority * Engineering	BMP DESCRIPTION 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.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	Section of Population Addressed: Residents, Visitors, Public Service Employees, Businesses, Commercial and Industrial Facilities, Construction Site Personnel.		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Select topic for Year 5 brochure • Develop Year 4 brochure • Distribute brochures to kiosks 		
	PROPOSED CHANGE None		
PROGRESS DURING CURRENT REPORTING PERIOD The Year 3 brochure focused on the County's Storm Water program and targets the construction industry. The brochure advertises Collin County's Storm Water Website and other helpful links that are resources for developing a construction storm water pollution prevention plan (SWPPP). The brochure educates contractors, builders and developers on the TCEQ requirements for storm water permitting for construction sites. The brochure lists different structural and non-structural Best Management Practices that are commonly used for construction site storm water management. 300 copies of the brochure were printed and attached to every Collin County commercial building permit application. The brochures were printed in-house so no purchase order was generated for printing of the brochures. The brochures are also on display in kiosks outside the Fire Marshal's office and outside Development Services office. The County selected a topic for Year 4. The Year 4 brochure will build upon the previously developed Year 3 brochure and go into more detail on how to develop a construction SWPPP.			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Select topic for Year 4 brochure • Develop Year 3 brochure • Distribute brochures to kiosks 	<ul style="list-style-type: none"> • Year 4 topic • Purchase order for brochures 	8/12/10	

Documentation Attached

List of Attachments: Copy of brochure

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3						
	COORDINATION WITH TEXAS AGRILIFE EXTENSION		PE-4						
<p>Responsible Authority * Engineering</p> <p>Appropriateness of BMP</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No:</p> <p><input type="checkbox"/> Changes Proposed</p> <p><input type="checkbox"/> NOC Submitted Date _____</p> <p>Measurable Goal Successfully Implemented?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>BMP DESCRIPTION</p> <p>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.</p> <p>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.</p> <p>A representative from Collin County will attend two Leadership Advisory Board Meetings annually and will advocate the use of more storm water related topics.</p> <p>Section of Population Addressed: Residents</p> <p>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Develop list of storm water educational presentations and activities • Attend 2 Leadership Advisory Board meetings <p>PROPOSED CHANGE</p> <p>NONE</p>								
	<p>PROGRESS DURING CURRENT REPORTING PERIOD</p> <p>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 7, 2009 and April 14, 2010 at the City of Allen Public Library. Meeting agendas and attendance sheets are attached. During the April 14, 2010 Advisory Board meeting, a representative from the Engineering Department gave a presentation on Storm Water Management.</p> <p>Educational workshops were sponsored by AgriLIFE during Year 3. A comprehensive list of all storm water related events held in Collin County was obtained from AgriLIFE. Collin County and AgriLIFE promote a rainwater harvesting demonstration site at Myers Park in McKinney. Myers Park and Event Center encompasses 165 acres and is dedicated for use by the residents of Collin County. The rain garden is approximately 1,300 ft² with a catchment area of 52,000 ft² which is used to demonstrate the use of rain gardens in erosion and storm water control. As can be seen on attached page, the AgriLIFE promotes the demonstration site through an interactive map at http://rainwaterharvesting.tamu.edu/demonstrations.html.</p>								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Implementation Activity</th> <th style="width: 33%;">Measurable Goal</th> <th style="width: 33%;">Completion Date</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> • Develop list of storm water educational presentations and activities • Attend 2 Leadership Advisory Board meetings </td> <td> <ul style="list-style-type: none"> • List of presentations, dates and # of attendees • Attendance sheet </td> <td style="text-align: center;">8/12/10</td> </tr> </tbody> </table>			Implementation Activity	Measurable Goal	Completion Date	<ul style="list-style-type: none"> • Develop list of storm water educational presentations and activities • Attend 2 Leadership Advisory Board meetings 	<ul style="list-style-type: none"> • List of presentations, dates and # of attendees • Attendance sheet 	8/12/10
	Implementation Activity	Measurable Goal	Completion Date						
<ul style="list-style-type: none"> • Develop list of storm water educational presentations and activities • Attend 2 Leadership Advisory Board meetings 	<ul style="list-style-type: none"> • List of presentations, dates and # of attendees • Attendance sheet 	8/12/10							

Documentation Attached

List of Attachments: Agenda and Attendance Sheets for Leadership Advisory Board – 10/7/09 & 4/14/10
 PowerPoint presentation slides from 4/14/10 Advisory Board meeting on storm water
 List of AgriLIFE events in Collin County
 Screen shot of interactive map of rain garden demonstration sites.

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	NCTCOG STORM WATER PUBLIC EDUCATION TASK FORCE		PE-5
Responsible Authority * Engineering	BMP DESCRIPTION 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.		
	Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
	Section of Population Addressed: None during Year 2, Not able to meet goal		
	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Attend and stay informed of 2 Task Force meetings Tailor RDIs and implement locally to educate public 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD The County attended two meetings of the Task Force during Year 3. The agenda items and sign in sheet for the May and June task force meetings are attached. The County has recently paid its annual dues for the 2011 fiscal year to NCTCOG and will participate in at least two Public Education Task Force meetings during Year 4. A copy of current Regionally Developed Initiatives (RDIs) was obtained for review to determine which of these RDIs may be appropriate for use in Collin County.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Attend and stay informed of 2 Task Force meetings Tailor RDIs and implement locally to educate public 		<ul style="list-style-type: none"> Copy of sign in sheets List of RDI activities 	6/30/10

Documentation Attached

List of Attachments: Meeting Agendas and Sign in Sheets
 RDI List

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009– AUGUST 12, 2010		YEAR 3
	COLLIN COUNTY ADVENTURE CAMP		PI-1
Responsible Authority * Engineering	BMP DESCRIPTION In 1995 representatives of the Collin County Commissioner’s Court, the YMCA, the Heard Museum, and school districts initiated a plan to construct, and operate a camp to provide life enhancing outdoor educational and recreational experiences 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).		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Offer lesson plans to participating ISDs 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD The County held a meeting with the Jim Parry, Environmental Outdoor School Coordinator, with the Collin County Adventure Camp on August 9, 2010 to discuss opportunities for incorporation of storm water topics into the existing curriculum. The discussion including possibly incorporating more Storm Water information into this coming year’s curriculum (Fall 2010 and Summer 2011). Additional meetings will be held throughout Year 4 to try and incorporate some additional storm water items into the lesson plans. Currently the Adventure Camp has 2 lesson plans that relate to stormwater topics including “Taming the Land” and “Learning the Lake”. Since these lesson plans are intended as multi-day exercises in a camp setting, participation with ISDs may not be appropriate as initially envisioned for Year 4. The County will however, track the number of school children that participate in these programs as a measurable goal for reporting progress.			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Evaluate Water Quality Lab lesson plan and supplement with storm water related information (as appropriate) 	<ul style="list-style-type: none"> • Storm water lesson plan supplement 	8/9/10	

Documentation Attached

List of Attachments: Current Lesson Plans

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009– AUGUST 12, 2010		YEAR 3
	STORM WATER STAKEHOLDERS COMMITTEE		PI-2
Responsible Authority * Engineering	BMP DESCRIPTION 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).		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Hold 1 meeting to review Year 3 Annual Report 		
	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD 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 th floor of the Collin County Government Center. Seven representatives attended the SWSG meeting on November 5, 2009 to review the County's Year 2 progress toward meeting implementation goals and review the Year 2 Annual report prior to submission to TCEQ. Copies of the meeting minutes and attendance sheet are attached.			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> Hold 1 meeting to review Year 2 Annual Report 	<ul style="list-style-type: none"> Meeting minutes Attendance list 	11/5/09	

Documentation Attached

List of Attachments: Meeting minutes
 Sign-in sheet

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009– AUGUST 12, 2010	YEAR 3
	STREAM CLEANUP PROJECTS	PI-3
Responsible Authority * Road and Bridge Public Information	BMP DESCRIPTION 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.	
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Advertise program to organizations • Note potential locations during visual monitoring and bridge maintenance • Schedule and hold one cleanup event 	
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE None	
PROGRESS DURING CURRENT REPORTING PERIOD The County selected two locations for stream cleanups based on illegal dumping reports/complaints. Cleanups are scheduled for two streams on the following dates: CR 818 Southeast Farmersville – November 15, 2010 CR 466 Northeast of Princeton – December 13, 2010 County has requested mock up packets from Keep Texas Beautiful. In addition, the County currently has their own litter pickup kits for their community service volunteers and employees. The County uses probationers that volunteer for stream cleanup projects to meet their community service requirements. In the future, Collin County will coordinate stream cleanup projects with neighboring MS4s such as McKinney and Frisco to obtain greater volunteer participation among the general public. Many of the streams in McKinney have steep banks which in some cases are not conducive to volunteer access due to safety issues. Collin County will coordinate with McKinney to provide potential cleanup sites for cooperative stream cleanup activities.		
Implementation Activity	Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Note potential locations during visual monitoring and bridge maintenance • Review and select guidance materials 	<ul style="list-style-type: none"> • List of locations • 1 mock up packet for volunteers 	8/12/10

Documentation Attached

List of Attachments:

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	STORM DRAIN SYSTEM MAPPING		ID-1
BMP DESCRIPTION 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.			
ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Locate and map outfalls in Collin County UA areas south of New Hope • Coordination meeting City GIS coordinators in Collin County • Sharing of available data 			
PROPOSED CHANGE NONE			
PROGRESS DURING CURRENT REPORTING PERIOD 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 IT/GIS Department coordinated with local MS4s to obtain and share available data. Other than McKinney and Frisco, many Phase II cities are in the infancy stages of GIS mapping. Several communities are willing to consider using a standardized list of attribute data to provide consistency and allow for sharing of data. The Cities of Allen, Fairview, Lucas, Murphy, Parker, Sachse, and Wylie have not completed their outfall mapping and GIS data is not available at this time. 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. An updated countywide map based on available data is attached. The County GIS staff attended two regional ESRI conferences/training sessions [South Central Arc User Group (SCAUG) and Metroplex Arc User Group (MAUG)] during Year 3. Many of the presentations and training sessions focused on outfall inventories and mapping using ArcMap. Meeting agendas are attached.			
Responsible Authority * Engineering GIS / Rural Addressing			
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Coordination meeting City GIS coordinators in Collin County • Send staff to NCTCOG training • Sharing of available data 	<ul style="list-style-type: none"> • Meeting minutes • Countywide map 	8/12/10	

Documentation Attached

List of Attachments: Conference/Training Agendas and Abstracts
 Collin County Stormwater Outfall map

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009– AUGUST 12, 2010		YEAR 3
	ILLICIT DISCHARGE INVESTIGATIONS		ID-3
Responsible Authority * Public Works	BMP DESCRIPTION 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.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Investigate suspected illicit discharges (as necessary) • Seek voluntary compliance or refer to adjacent MS4 or TCEQ 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE None		
PROGRESS DURING CURRENT REPORTING PERIOD The County reviewed the Illicit Discharge Detection and Elimination guidance manual by the Center for Watershed Protection (October 2004). The County developed procedures for illicit discharge investigations based on the guidance manual.			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Develop written procedures and checklist 	<ul style="list-style-type: none"> • Procedures/checklist 	8/12/2010	

Documentation Attached

List of Attachments: Draft Illicit Discharge Investigation Procedures

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	NCTCOG COOPERATIVE WET WEATHER MONITORING		ID-4
Responsible Authority * Engineering	BMP DESCRIPTION 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.		
	Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
	Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • 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 			
PROPOSED CHANGE NONE			
PROGRESS DURING CURRENT REPORTING PERIOD 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.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> • 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 		<ul style="list-style-type: none"> • NCTCOG Annual Report 	8/12/10

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

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	REDUCE ILLEGAL DUMPING		ID-5
Responsible Authority * Fire Marshal County Sheriff (after 10/1/09)	BMP DESCRIPTION Illegal dumping consists of disposal of waste in undesignated areas or pouring of liquid wastes or disposal of trash down storm drains. The most effective method of curbing illegal dumping is to implement an aggressive public education program. A plan to detect and address illegal dumping is a component of illicit discharge detection and elimination, mandated under Phase II Public education programs for illegal dumping in Collin County rely on a number of methods including their web site and a hotline. The County aggressively investigates and enforces illegal dumping regulations as set forth in Texas Statutes (Chapter 343 of the Health and Safety Code). The County also participates in the NCTCOG's Regional Stop Illegal Dumping Initiative which utilizes a hotline to report illegal dumping. The Collin County Fire Marshall office investigates illegal dumping reports. The County web site advertises the report line, NCTCOG hotline number and the "Don't Mess with Texas" web site for reporting		
	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Continue existing program to combat illegal dumping 		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	PROPOSED CHANGE NONE		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROGRESS DURING CURRENT REPORTING PERIOD The responsibility for this program shifted from the Fire Marshal's office to the County Sheriff's office during Year 3 (effective October 1, 2009). The Collin County Sheriff's office currently investigates illegal dumping reports. The County web site advertises the report line, NCTCOG hotline number and the "Don't Mess with Texas" web site for reporting (http://www.co.collin.tx.us/public_works/illegal_dumping.jsp). The GIS Department keeps a log of all illegal dump sites in the County. The County Sheriff's office investigated 346 reports of illegal dumping and the Fire Marshal investigated 13 reports of illegal dumping during Year 3. A list of those investigations is attached. A map of known illegal dump sites is also attached. The County also developed a Public Service Announcement about Illegal Dumping and put a link on the web site. The one minute video PSA is designed to increase awareness of illegal dumping. The PSA was written by Eric Nishimoto, Collin County Public Information Office. Videography/Production by William Bruce McFadden Video, Inc.		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> Continue existing program to combat illegal dumping 	<ul style="list-style-type: none"> Map of known dump sites List of illegal dumping investigations 	8/12/10	

Documentation Attached

- List of Attachments: Screen Shot of Illegal Dumping page on Web Site
 Illegal Dump Site Map
 List of Investigations
 Screen shots of PSA

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	HOUSEHOLD HAZARDOUS WASTE COLLECTION		ID-6
Responsible Authority * Engineering	BMP DESCRIPTION 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.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Promote the TCEQ HHW collection events in Collin and adjacent counties on web site 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD The County applied for grant from the NCTCOG to fund a HHW Collection program in the County, but was denied funding for the project (attached). The County is active in promoting TCEQ Agricultural Waste Collection Days as a mechanism for HHW disposal. One such collection day was conducted during Year 3 on September 28, 2009 at Myers Park and Event Center in McKinney, Collin County. The County AgriLIFE promoted the collection event by flier, an advertisement in the Dallas Morning News, and on their web site. A copy of the promotional flier is attached. The County will continue to promote any other TCEQ sponsored collection events and any other collection events in surrounding counties. The County will also continue to push for and apply for funding so the County can sponsor their own collection event.			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> Promote the TCEQ HHW collection events in Collin and adjacent counties on web site 	<ul style="list-style-type: none"> Dates of events Web page screen shot 	8/12/10	

Documentation Attached

List of Attachments: Grant funding denial letter from NCTCOG
 Promotional flier for Waste Collection Event in Collin County

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	RECYCLING CENTERS		ID-7
Responsible Authority *Public Works Public Information	BMP DESCRIPTION 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.		
	Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____		
	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Track quantity of material recycled by location Update web page (as needed) 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE None		
PROGRESS DURING CURRENT REPORTING PERIOD The recycling locations are listed on the Public Works Department web page. There were 5 locations where recycling bins were available to residents of Collin County during Year 3. 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 2009 and recycled a total of 752.6 tons of material. The breakdown by site is Melissa (88.16 tons), Branch (356.84), Nevada (129.35), Weston (114.54), and Copeville (63.71).			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Track quantity of material recycled by location Update web page (as needed) 		<ul style="list-style-type: none"> Qty of material by location Screen shot of web page 	8/12/10

Documentation Attached

List of Attachments: Quantity tracking spreadsheet with quantity per site

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	HAZARDOUS MATERIAL SPILL RESPONSE		ID-8
Responsible Authority *Fire Marshal	BMP DESCRIPTION The County has a HAZMAT truck and certified technicians for spill response and will continue their Spill Response Program throughout the County in unincorporated areas. Collin County also coordinates spill response with the City of Plano, who has a dedicated fire station that provides 24-hour, 7 days per week spill response.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Continue HAZMAT responsibilities in the County 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE None		
PROGRESS DURING CURRENT REPORTING PERIOD The Fire Marshal's Office responded to one hazardous spill in Collin County during Year 3. Details of the call and response are attached.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Continue HAZMAT responsibilities in the County 		<ul style="list-style-type: none"> List of HAZMAT calls and responses 	8/12/10

Documentation Attached

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

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	<p align="center">REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010</p>		<p>YEAR 3</p>
	<p align="center">REVIEW OF EROSION CONTROL SECTION OF SUBDIVISION REGULATIONS</p>		<p>C-1</p>
<p>Responsible Authority * County Attorney Engineering</p> <p>Appropriateness of BMP</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No:</p> <p><input checked="" type="checkbox"/> Changes Proposed</p> <p><input checked="" type="checkbox"/> NOC Submitted Date <u>8/12/2010</u></p> <p>Measurable Goal Successfully Implemented?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>BMP DESCRIPTION</p> <p>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).</p>		
	<p>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Adopt revised subdivision regulations 		
	<p>PROPOSED CHANGE</p> <p>The County is proposing to postpone adoption of the revised subdivision regulations until Year 4 of the permit cycle. The regulations are currently in draft form and have been reviewed by the County Planning Board. The regulations will be submitted to the commissioner's court in November 2010.</p>		
<p>PROGRESS DURING CURRENT REPORTING PERIOD</p> <p>The regulations are in draft form and were planned to be adopted in Year 3, however; the current plan is to adopt them in Year 4. The County Planning board recommended the changes in the regulations related to storm water be submitted to the commissioner's court for approval. The changes in regulations will be presented to the commissioner's court for a public hearing and approval in November 2010.</p>			
<p>Implementation Activity</p>	<p>Measurable Goal</p>	<p>Completion Date</p>	
<ul style="list-style-type: none"> • Adopt revised regulation 	<ul style="list-style-type: none"> • Adopted regulations 	<p>8/12/10</p>	

Documentation Attached

List of Attachments: Draft Subdivision Regulations with related changes highlighted

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	EROSION CONTROL PLAN REVIEW PROCEDURES		C-2
<p>Responsible Authority * Engineering Development Services</p> <p>Appropriateness of BMP</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>Measurable Goal Successfully Implemented?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>BMP DESCRIPTION</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>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Verify and track SWPPPs submitted to the County • Review EC plans outside of ETJ (if authorized) 		
	<p>PROPOSED CHANGE</p> <p>None</p>		
	<p>PROGRESS DURING CURRENT REPORTING PERIOD</p> <p>During Year 3, 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 include adding language to the commercial permit package that requires site notice submittal (1-5 acres) or NOI/NOC/NOT submittal (>5 acres) and a inspections to verify compliance with the CGP. The County has modified their checklist that is used for review of subdivision and commercial building permits.</p>		
<p>Implementation Activity</p> <ul style="list-style-type: none"> • If changes to subdivision regulations are authorized outside of ETJ, revise plan review procedures accordingly • Adopt plan review procedures outside of ETJ • Verify and track SWPPPs submitted to the County 	<p>Measurable Goal</p> <ul style="list-style-type: none"> • Draft procedures • Adopted procedures • List of NOIs/NOTs 	<p>Completion Date</p> <p>8/12/10</p>	

Documentation Attached One CSNs is attached for Year 3.
 Adopted checklist for plan review procedures

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009– AUGUST 12, 2010		YEAR 3
	CONSTRUCTION INSPECTION		C-3
Responsible Authority * Engineering	BMP DESCRIPTION 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).		
	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Adopt procedures and perform inspections 		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	PROPOSED CHANGE None		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROGRESS DURING CURRENT REPORTING PERIOD Draft inspection and tracking procedures have been developed by the County (attached). A general inspection checklist has also been developed and will be used to document inspections and compliance with CGP provisions.		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Draft inspection and tracking procedures 	<ul style="list-style-type: none"> • Draft inspection and tracking procedures 	8/12/2010	

Documentation Attached

List of Attachments: Construction Inspection Procedures
 Stormwater: General Inspection Checklist

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	INFORMATION SUBMITTED BY THE PUBLIC		C-4
<p>Responsible Authority * Engineering Information Technology</p> <p>Appropriateness of BMP</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>Measurable Goal Successfully Implemented?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>BMP DESCRIPTION</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>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Continue to Promote hotline • Receive and log public comments 		
	<p>PROPOSED CHANGE</p> <p>NONE</p>		
	<p>PROGRESS DURING CURRENT REPORTING PERIOD</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 were finalized and implemented in Year 3. There were no calls or e-mails received on the hotline in Year 3.</p>		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Promote hotline • Receive and log public comments 	<ul style="list-style-type: none"> • Web page screen capture • List of public comments and investigations 	8/12/10	

Documentation Attached

List of Attachments: Screen shot of report a polluter page from the Collin County Storm Water Website

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010	YEAR 3
	NCTCOG INSPECTOR CERTIFICATION TRAINING	C-5
Responsible Authority * Engineering Public Works Development Services	BMP DESCRIPTION <p>The NCTCOG sponsors training sessions for construction storm water inspectors that focus on the TPDES CGP, which became effective on March 10, 2003. The goal of these training sessions is to increase compliance by increasing familiarity with the CGP requirements and reviewing standard practices. The training includes discussion of site development plans, design calculations, proper BMP selection and installation as well as inspection requirements and regulations.</p> <p>The County will send two lead inspectors to the NCTCOG's training in Year 3 and hold internal training classes for inspectors. In subsequent years, the County will send newly hired inspectors to a construction training class within 1 year of hire (depending on the scheduled training dates). The NCTCOG training class, Storm Water Pollution Prevention During Construction, or equivalent training class will be utilized.</p>	
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Send new hires to NCTCOG or other equivalent training 	
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE	
PROGRESS DURING CURRENT REPORTING PERIOD <p>The County sent two employees to the NCTCOG training class on August 24, 2009. The County does not have enough turnover to have internal training for new hires. New hires will be sent to the NCTCOG training or an equivalent training class within the first year of their employment.</p>		
Implementation Activity	Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Send 2 employees to training 	<ul style="list-style-type: none"> • Dates and attendees 	8/24/09

Documentation Attached
 List of Attachments: Registration for 2 employees

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	DESIGN GUIDANCE FOR CONSTRUCTION		C-6
Responsible Authority * Engineering	BMP DESCRIPTION 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.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • None 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE None		
PROGRESS DURING CURRENT REPORTING PERIOD 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 3.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> • None 		<ul style="list-style-type: none"> • None 	C-6 Completed 8/12/08

Documentation Attached

List of Attachments:

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	GIS MAP OF ACTIVE CONSTRUCTION SITES		C-7
Responsible Authority * GIS / Rural Addressing Engineering	BMP DESCRIPTION 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.		
	Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Update GIS map of active construction sites based on NOIs submitted to the County 	
PROPOSED CHANGE None			
PROGRESS DURING CURRENT REPORTING PERIOD 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. The County has developed a map showing the locations of active new subdivisions road projects and county road bond bridge project construction sites. The County plans to start tracking large Public works road upgrade projects and large commercial building projects. 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 GIS system 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.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Update GIS map of active construction sites based on NOIs submitted to the County 		Updated GIS map	8/12/10

Documentation Attached

List of Attachments: GIS map showing locations of road and subdivision construction projects.

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009– AUGUST 12, 2010		YEAR 3
	LONG TERM OPERATION AND MAINTENANCE OF BMPs		PC-1
BMP DESCRIPTION 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.			
Responsible Authority * Engineering Public Works GIS / Rural Addressing			
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Continue to maintain BMPs according to O&M plan • Maintain and update GIS map (as needed) 			
PROPOSED CHANGE None			
PROGRESS DURING CURRENT REPORTING PERIOD There are no permanent post-construction BMPs located within the County's MS4. Road side ditches which are part of the County's MS4 consist of grassed lined channels that are maintained under Good Housekeeping BMP (GH-2). O&M practices and schedules have been developed based on EPA recommended frequency for different BMPs (detention/retention practices, infiltration facilities, dry swales, grassed channels, biofilters, filter strips, bioretention etc.). These O&M procedures will be implemented when post-construction BMPs are identified that need County maintenance. No permanent post-construction BMPs have been identified at this time and therefore a GIS map of their locations is not necessary.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Develop operation and maintenance plan for post-construction BMPs • Develop GIS map of permanent BMP locations that require maintenance 		<ul style="list-style-type: none"> • Written O&M Plan • GIS map 	8/12/10

Documentation Attached

List of Attachments: O & M Plan for permanent post-construction BMPs

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010	YEAR 3
	NCTCOG STORM WATER POLLUTION PREVENTION TRAINING	GH-1
Responsible Authority * Engineering	BMP DESCRIPTION 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.	
Appropriateness of BMP <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>11/12/2010</u>	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Hold 1 training for new employees (January 2011) 	
Measurable Goal Successfully Implemented? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PROPOSED CHANGE The County proposes to shift implementation of the annual training for County departments until Year 4 to allow time to customize the training for various departments.	
PROGRESS DURING CURRENT REPORTING PERIOD 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. In addition, the County has made arrangements to borrow training videos from the City of McKinney. http://www.nctcog.org/envir/SEEclean/stormwater/program-areas/pollution_prevention/CD/Version_1/P2_Training_Materials.asp <ul style="list-style-type: none"> Instructor's Guide and "Training the Trainer" Tips Fleet Maintenance Presentation Material Storage Presentation Parks and Grounds Maintenance Presentation Streets and Drainage Maintenance Presentation Storm Survivor Q&A Presentation What's wrong with the Picture Interactive Presentation 		
Implementation Activity	Measurable Goal	Completion Date
<ul style="list-style-type: none"> Develop County specific training and hold 1 training per department 	<ul style="list-style-type: none"> List of training dates and attendees 	8/12/10

Documentation Attached

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

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	RIGHT-OF-WAY (ROW) MAINTENANCE		GH-2
Responsible Authority * Public Works/ Road and Bridge	BMP DESCRIPTION The storm drain system in unincorporated Collin County consists of roadside ditches that are maintained by the County Public Works, Road and Bridge Department as part of the ROW maintenance program. The purpose of this management practice is to reduce the amount of debris, trash and other pollutants in the storm drain system through maintaining and cleaning of roadside ditches and ROWs on a regular basis.		
	The Road and Bridge Division currently maintains roadside ditches and ROW through a periodic inspection and preventative maintenance program. The County utilizes log books and a work order system to document the preventative maintenance of the ROW.		
Appropriateness of BMP <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.		
	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Continue inspection, cleaning and maintenance • Update maintenance/cleaning log 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
	PROGRESS DURING CURRENT REPORTING PERIOD The County continued its on-going program of inspection, cleaning and maintenance of the ROW. The Public Works Road and Bridge Department maintains a log of all activities conducted. Monthly Reports are generated for all maintenance activities that list the County Road number and the type of activity conducted.		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Continue inspection, cleaning and maintenance • Update maintenance/cleaning log 	<ul style="list-style-type: none"> • Maintenance/cleaning log • Disposal log 	8/12/10	

Documentation Attached

List of Attachments: Monthly Activity Report for Road & Bridge Department (August 2009 – August 2010)

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	SPILL RESPONSE AND PREVENTION		GH-3
Responsible Authority * Fire Marshall	BMP DESCRIPTION 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).		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Continue HAZMAT responsibilities in the County 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD The County continued to respond to hazardous material spills and documented response to 1 spill during Year 3. The spill did not occur at a County facility.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Continue HAZMAT responsibilities in the County 		<ul style="list-style-type: none"> List of HAZMAT calls and responses 	8/12/10

Documentation Attached

List of Attachments: Spill summary report

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	ROADWAY / BRIDGE MAINTENANCE		GH-4
<p>Responsible Authority *Public Works / Road and Bridge</p> <p>Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____</p> <p>Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>BMP DESCRIPTION</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>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> Maintain work order system and erosion & sediment control BMPs during activities as required by the TPDES CGP 		
	<p>PROPOSED CHANGE</p> <p>NONE</p>		
<p>PROGRESS DURING CURRENT REPORTING PERIOD</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>			
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> Maintain work order system and erosion & sediment control BMPs during activities as required by the TPDES CGP 	List of maintenance activities	8/12/10	

Documentation Attached

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

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	MATERIAL STORAGE FOR METAL		GH-5
Responsible Authority *Public Works	BMP DESCRIPTION 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.		
	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • None 		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	PROPOSED CHANGE NONE		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROGRESS DURING CURRENT REPORTING PERIOD 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.		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • None 	Completed during Year 2 8/12/09	

Documentation Attached

List of Attachments: Verification photos

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	MATERIAL STORAGE FOR USED TIRES		GH-6
Responsible Authority *Public Works	BMP DESCRIPTION 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.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Inventory used tires twice per year • Recycle/dispose used tires • Tarp temporarily stored used tires until contractor pickup • Reassess annually the need for a covered storage 		
	Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
PROPOSED CHANGE None			
PROGRESS DURING CURRENT REPORTING PERIOD The County recycled 62 used tires during Year 3 (Passenger/Lt Truck= 15, Truck=62, Heavy off Roads= 0). In addition, the County cut up approximately 3200 tires and disposed of them in a landfill. The County will continue to have a private disposal company pick up larger truck and off road tires that the County owned tire cutter cannot process. This new cutter along with the disposal company will 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, since the number of used tires stored is being kept to a minimum. The used tires are currently covered with a tarp while they are being stored. The need for a permanent structure will be reassessed annually and constructed if necessary. Able Tire Company provided recycling through September of 2009. Big City Tire Service is now picking up the larger tires at no cost to the County. An e-mail from Big City Tire Service detailing the agreement is attached.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Inventory used tires twice per year • Recycle used tires • Tarp temporarily stored used tires until contractor pickup • Reassess annually the need for a covered storage 		<ul style="list-style-type: none"> • Used Tire Disposal Statements 	8/12/10

Documentation Attached

List of Attachments: Purchase Orders / Invoices
 E-mail agreement with Big City Tire Service
 Tire disposal manifests and Verification photos of tire cutter and covered used tire pile

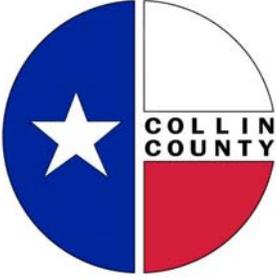
STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	USED OIL COLLECTION AND RECYCLING		GH-7
Responsible Authority *Public Works/ Equipment Services	BMP DESCRIPTION <p>Used oil collection and recycling programs provide a responsible alternative to disposal that is beneficial to the environment and public health. Collin County currently collects and recycles used motor oil and filters from the Public Works Service Center. The County will document the recycling of automotive fluids and provide trip tickets from the disposal contractor.</p>		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Continue used oil collection and recycling program at the Public Works Service Center • Use microbial hydrocarbon cleaner (as needed) 		
	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD <p>The County recycled a total of 1,860 gallons of used motor oil and (1) 55-gallon drums of used oil filters on the following dates: 10/28/09, 4/12/10, and 5/14/10. United Recyclers provides non-hazardous special waste manifests to document the quantities of used oil and filters recycled. Copies of the waste manifests are attached.</p>			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Continue used oil collection and recycling program at the Public Works Service Center • Use microbial hydrocarbon cleaner (as needed) 		<ul style="list-style-type: none"> • Trip tickets from disposal contractor 	8/12/10

Documentation Attached

List of Attachments: Waste Manifest from United Recyclers

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	USE OF LICENSED APPLICATORS FOR HERBICIDES		GH-8
<p>Responsible Authority *Public Works Parks and Open Space</p> <p>Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____</p> <p>Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>BMP DESCRIPTION</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>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Annual training for applicators • Document training and copies of licenses 		
	<p>PROPOSED CHANGE</p> <p>NONE</p>		
	<p>PROGRESS DURING CURRENT REPORTING PERIOD</p> <p>The County sent 3 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 9/05/09, 11/5/09, and 2/1/10 and expire one-year from date of issuance. Licenses are Texas Department of Agriculture Category 5 for "Right-of-Way Pest Control."</p>		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Annual training for applicators • Document training and copies of licenses 	<ul style="list-style-type: none"> • Copy of licenses 	8/12/10	

Documentation Attached

List of Attachments: (3) Noncommercial Political Pesticide Applicator Licenses

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	SPILL PREVENTION TRAINING		GH-9
Responsible Authority *Public Works	BMP DESCRIPTION The County has 21 employees that are trained and certified in spill prevention. The 8-hour training is conducted annually by Sigma Consultants. The County has spill response kits at the service centers with a 30' long sock boom for large spills and absorbent pads for smaller spills. The spill response kits contain Tyvex suits and personal protection equipment for employee safety. The annual spill prevention training refreshes the employee's knowledge of spill prevention, cleanup and personal protection equipment.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Continue annual spill prevention training of County staff 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD The County provided Chemical Spill Response Training (OSHA Level II) for 21 employees on July 21, 2010. The attendee list with date of training is attached.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Continue annual spill prevention training of County staff 		<ul style="list-style-type: none"> Dates of training Attendee list 	7/21/10

Documentation Attached

List of Attachments: Sigma Consulting and Training, Inc. Attendance List – 7/21/10

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	VEHICLE MAINTENANCE		GH-10
<p>Responsible Authority *Public Works / Equipment Services</p> <p>Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____</p> <p>Measurable Goal Successfully Implemented? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>BMP DESCRIPTION</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>ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD</p> <ul style="list-style-type: none"> • Inspect oil/sand separator twice per year • Treat separator with Power Play Active Bacteria according to manufacturer's specifications 		
	<p>PROPOSED CHANGE</p> <p>NONE</p>		
	<p>PROGRESS DURING CURRENT REPORTING PERIOD</p> <p>The oil/sand separator located at the maintenance shop was inspected during Year 3 but was not scheduled for annual maintenance due to changes in supervisory personnel at the facility. The new supervisor for the facility has been informed of the inspection and treatment requirements.</p>		
Implementation Activity	Measurable Goal	Completion Date	
<ul style="list-style-type: none"> • Inspect oil/sand separator twice per year • Treat separator with Power Play Active Bacteria according to manufacturer's specifications 	<ul style="list-style-type: none"> • Maintenance logs for oil/sand separator • Treatment chemical invoice 	NA	

Documentation Attached

List of Attachments:

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	LITTER CONTROL		GH-11
Responsible Authority *Public Works/ Facilities Maintenance	BMP DESCRIPTION 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).		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Quarterly inspection of facilities for litter 		
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD 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.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Quarterly inspection of facilities for litter 		<ul style="list-style-type: none"> Dates of inspections Dates of cleanup (if needed) 	8/12/10

Documentation Attached

List of Attachments: Quarterly Inspection Forms (see GH-13 attachments)

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010	YEAR 3
	VEHICLE WASHING	GH-12
Responsible Authority *Public Works/ Equipment Services	BMP DESCRIPTION This pollution prevention measure focuses on education efforts to inform County employees of the water quality impacts that result from the outdoor washing of vehicles and measures that can be taken to prevent the runoff from entering the storm drain system. Practices such as selecting low phosphate and biodegradable detergents can reduce receiving water impacts. The County has a covered wash bay at the Public Works Service Center which utilizes a pre-wash and wash water is treated through a grit trap. Proper maintenance of the grit trap 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).	
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Inspect grit trap twice per year • Maintain grit trap at least annually 	
Measurable Goal Successfully Implemented? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	PROPOSED CHANGE NONE	
PROGRESS DURING CURRENT REPORTING PERIOD The drain pit (grit trap) for the car wash was inspected during Year 3 but was not scheduled for annual maintenance due to changes in supervisory personnel at the facility. The new supervisor for the facility has been informed of the inspection and maintenance requirements.		
Implementation Activity	Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Inspect grit trap twice per year • Maintain grit trap annually 	Maintenance logs for grit trap	NA

Documentation Attached

List of Attachments:

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	AGGREGATE STOCKPILES		GH-13
Responsible Authority *Public Works/ Road and Bridge	BMP DESCRIPTION This practice involves the development of a program to properly store road sand and aggregate. Proper storage and application can prevent the transport of the material with runoff. Stockpiles of sand and other road base materials are located at all four of the County Facilities: the Public Works Service Center in McKinney, the Farmersville Facility, the Weston Facility, and the Copeville Facility. The County 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.		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date _____			
Measurable Goal Successfully Implemented? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> Inspect quarterly and maintain erosion control BMPs around stockpile sites 		
	PROPOSED CHANGE NONE		
PROGRESS DURING CURRENT REPORTING PERIOD The aggregate stockpile areas were inspected quarterly and documented on the Public Works Road and Bridge BMP Inspection Forms. Based on the inspections, erosion control practices (berms, silt fence or filter socks) were replaced, repaired or maintained. Inspections at each of the 4 facility stockpiles occurred on 8/13/09, 11/13/09, 2/11/10, 5/13/10.			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> Inspect quarterly and maintain erosion control BMPs around stockpile sites 		<ul style="list-style-type: none"> Inspection and maintenance logs 	8/12/10

Documentation Attached

List of Attachments: BMP Inspection Forms

STORM WATER MANAGEMENT PROGRAM – ANNUAL REPORT

	REPORTING PERIOD: AUGUST 13, 2009 – AUGUST 12, 2010		YEAR 3
	VEHICLE FUELING		GH-14
Responsible Authority *Public Works/ Equipment Services	BMP DESCRIPTION <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>		
Appropriateness of BMP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No: <input checked="" type="checkbox"/> Changes Proposed <input type="checkbox"/> NOC Submitted Date <u>11/12/2010</u>			
Measurable Goal Successfully Implemented? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD <ul style="list-style-type: none"> • Maintain compliance with SPCC plan • Construct canopy over fueling area 		
	PROPOSED CHANGE <p>The County has proposed to postpone the design of the fueling canopy until Year 4 and the construction of the canopy until Year 5. The County was not able to get the construction costs included in the FY2011 budget; therefore the construction has been postponed to Year 5.</p>		
PROGRESS DURING CURRENT REPORTING PERIOD <p>The County maintains updated Spill Prevention Control and Countermeasure Plan for Equipment Services at the Public Works Service Center at Wilmeth Road and the Farmersville Facility. The current plans were certified by a Professional Engineer in August of 2009. The required training detailed in the plans educate the County employees on the potential water quality impacts that may results from discharges from these two facilities. Leak detection tests were conducted on a monthly basis during year 3 with passing results. Results of leak detection tests are maintained on-site and are available for review upon request. County personnel will be meeting in November of 2010 to discuss the installation of a cover over the fueling area at the Farmersville facility. Due to the size of the equipment that fuels at the facility, there is a concern that a cover may not be practical.</p>			
Implementation Activity		Measurable Goal	Completion Date
<ul style="list-style-type: none"> • Maintain compliance with SPCC plan • Preliminary design for canopy over fueling area 		<ul style="list-style-type: none"> • Leak detection reports • Preliminary design 	8/12/10

Documentation Attached

List of Attachments: None

Appendix 1

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 Permit Number of the authorization to be changed?	TXR04
A. APPLICANT INFORMATION: Search Central Registry at 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?	CN
2. Permitted Site (required)	
What is the TCEQ Central Registry Regulated Entity Number assigned for this permitted site?	RN
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:

Notice of Change Attachment 3

Proposed Changes to Implementation Schedule and/or Measurable Goals

C-1 Review of Erosion Control Section of Subdivision Regulations

The County had planned to adopt the draft regulation in Year 3, however, this was not completed. The current schedule has the regulations being presented to the commissioner's court in November 2010 for a public hearing and approval.

GH-1 NCTCOG Storm Water Pollution Prevention Training

The County did not meet the goal of training all new employees during Year 3. The County has downloaded free training material from the NCTCOG and borrowed videos from the City of McKinney. The current schedule has the training being completed in January of 2011.

GH-14 Vehicle Fueling

The County was unable to construct the canopy over the fueling island due to budget constraints. The fiscal year 2011 budget has already been set and does not include the construction costs for the canopy. The current plan is to design the canopy in Year 4 and budget for construction in fiscal year 2012 (Year 5).



**REVIEW OF
EROSION CONTROL SECTION OF
SUBDIVISION REGULATIONS**

C-1

DESCRIPTION

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 to comply 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).



**RESPONSIBLE
AUTHORITY**

* **County Attorney**
Engineering

APPLICABILITY

Residents

Visitors

Public Service
Employees

Businesses

Commercial/
Industrial

X Construction

RATIONALE FOR SELECTION

- Required component of the TPDES program.
- Limited by County authority.
- Ensures that erosion and sediment control BMPs are implemented prior to construction.

YEAR	IMPLEMENTATION ACTIVITY	MEASURABLE GOAL
1	<ul style="list-style-type: none"> • Review existing regulations and county authority 	1 page summary
2	<ul style="list-style-type: none"> • Draft changes to regulations (if within authority) 	Draft regulations
3	<ul style="list-style-type: none"> • Draft changes to regulations (if within authority) 	Draft regulations
4	<ul style="list-style-type: none"> • Adopt revised regulation (if within authority) 	Adopted regulations
5	<ul style="list-style-type: none"> • None 	None

REFERENCES

USEPA, 2002. *National Menu of Best Management Practices*. <http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm>



NCTCOG STORM WATER POLLUTION PREVENTION TRAINING

GH-1

DESCRIPTION

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, Development Services, Equipment Services, Facilities Maintenance, Road and Bridge, and Fire Marshall. Educational resources provided by NCTCOG includes Instructor's Guides, Videos, Training Modules, Shop Posters, and Supplemental Materials for training.

Municipal Pollution Prevention

Preventing Storm Water Pollution: What We Can Do
Municipal Employee Training Resources



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).

Instructor's Guide

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.

Preventing Storm Water Pollution: What We Can Do Video

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.

The video is available for purchase for \$20.00 plus \$6H from NCTCOG's Regional Information Center. Please contact Alice Webster at awebster@nctcog.org or (817) 695-9140 or download an order form to purchase the video. For additional information about the video, contact Jeff Rice, NCTCOG Project Coordinator, at jrice@nctcog.org or (817) 695-9212.

RESPONSIBLE AUTHORITY

*** Engineering
Public Works**

APPLICABILITY

Residents

Visitors

X Public Service
Employees

Businesses

Commercial/
Industrial

Construction

RATIONALE FOR SELECTION

- 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.
- 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.
- Implementation of a training program will also keep the County employees knowledgeable about pollution prevention and cleanup.
- Participating in a regional program that is widely accepted.

YEAR	IMPLEMENTATION ACTIVITY	MEASURABLE GOAL
1	<ul style="list-style-type: none"> • Send 2 designated personnel to attend NCTCOG training 	Training Certificates
2	<ul style="list-style-type: none"> • Send 2 designated personnel to NCTCOG training 	Training Certificates Invoice
3	<ul style="list-style-type: none"> • Purchase NCTCOG training materials 	Invoice
4	<ul style="list-style-type: none"> • Develop County specific training and hold 1 training per department 	List of training dates and attendees
5	<ul style="list-style-type: none"> • Hold 1 training for new employees 	List of training dates and attendees

REFERENCES

USEPA, 2002. *National Menu of Best Management Practices*. <http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm>
 NCTCOG Municipal Pollution Prevention, 2008. http://www.nctcog.org/envir/SEEClean/stormwater/program-areas/pollution_prevention/CD/Version_1/P2_Training_Materials.asp



VEHICLE FUELING

GH-14

DESCRIPTION

This best management practice involves the education of County employees on the potential water quality impacts that can result from discharges associated with fueling stations and the development of procedures to minimize or prevent discharges. The County dispenses fuel at two locations, the Public Works Service Center and the Farmersville Facility. The County maintains spill prevention control and 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 10,000 gallons. 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.

RATIONALE FOR SELECTION

- A well-developed fueling program will reduce potential hazardous material contamination of local waterways.
- The County maintains SPCC plans for the two fueling locations and will continue compliance measures.

RESPONSIBLE AUTHORITY

*Public Works/
Equipment Services

APPLICABILITY

Residents

Visitors

X Public Service
Employees

Businesses

Commercial/
Industrial

Construction

YEAR

IMPLEMENTATION ACTIVITY

MEASURABLE GOAL

1

- Ensure SPCC plan is current
- Maintain compliance with SPCC plan

Copy of SPCC plans
Leak detection reports

2

- Maintain compliance with SPCC plan

Leak detection reports

3

- Maintain compliance with SPCC plan

Leak detection reports

4

- Maintain compliance with SPCC plan
- Preliminary design for canopy over fueling area

Leak detection reports
Preliminary design

5

- Maintain compliance with SPCC plan
- Construct canopy over fueling area

Leak detection reports
Verification photos

REFERENCES

USEPA, 2002. *National Menu of Best Management Practices*. <http://cfpub.epa.gov/npdes/stormwater/menuofbmps/menu.cfm>