

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

A. General Information

1. Permit No. **TXR040348**

Annual Report Period: Aug. 13, 2010 – Aug. 12, 2011

Name of MS4 / Permittee: **Montgomery County**

Contact Name: **Michael Lindsey**

Telephone Number: **(936) 539-7839**

Mailing Address: **501 North Thompson, Suite 101, Conroe, TX 77301**

E-mail Address: **Michael.lindsey@mctx.org**

2. Is the named permittee relying on another entity/ies to satisfy some of its permit obligations? Yes 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:

The permittee is a participating member in the Montgomery County Storm Water Coalition and is responsible for implementation of the SWMP in its entirety. However some of the activities are being conducted as a group, such as the development of public education materials, MS4 outfall mapping and screening, and guidance documents and procedures. The coalition consists of Montgomery County and the Woodlands Joint Powers Agency.

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

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

Permit Number:

Permittee:

Permit Number:

Permittee:

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

Explanation, if any

5. Has a copy of this annual report been submitted to the TCEQ Regional Office? Yes _____ No

B. SWMP Modifications and Additional Information

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

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

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

N/A

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

N/A

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

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.

As a Phase II MS4 permittee, the County is not required by the permit to conduct analytical monitoring.

C. Narrative Provisions.

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

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

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 No

Provide explanation:

The County selected the BMPs included in the SWMP based on the requirements of permit requirements included in each minimum control measure. The BMPs selected are currently considered appropriate for reducing the discharge of storm water pollutants. The SWMP was reviewed by the TCEQ to determine if the SWMP met the MEP.

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)
1	Flyers and Brochures	Number of materials distributed	125 After the Storm brochures and 125 Illegal Dumping brochures ordered	Materials	No
1	Impacts of Illegal Dumping and Littering	Number of materials distributed	125 After the Storm brochures and 125 Illegal Dumping brochures ordered	Materials	No
1	Education of Construction Site Personnel	Number of materials distributed	1 Poster, 125 After the Storm Brochures, and Guidance Document	Materials	No
3	MS4 Outfall Screening	Percentage of outfalls screened	Approximately 75% of total outfalls	Percent	Yes, the detection and elimination of illicit discharges represents a direct reduction in pollutants.
4	Construction SWP3 Review and Permit	Number of permits issued	0	Permits	Yes, reviewing plans ensures that appropriate structural controls are being used to reduce pollution.

	Compliance				
4	Construction Site Inspection	Number of inspections	0	Inspections	Yes, inspection of construction sites ensures that appropriate controls are in place and functioning properly to reduce pollution.
4	Montgomery County Subdivision Rules and Regulations	Number of enforcement actions	0	Enforcement actions	Yes, enforcement of the Montgomery County Rules and Regulations represents a direct reduction in pollution.
4	Construction Site Notice Posting	Quantity of Site Notices	0	Site Notices	No
5	Post Construction Site Runoff Requirement	Number of enforcement actions	0	Enforcement Actions	Yes, enforcement of the post construction site runoff requirements represents a direct reduction in pollution.
5	Development Project Plan Review	Development Plans Reviewed	0	Plans	Yes, reviewing plans ensures that appropriate structural controls are being used to reduce pollution.
6	Litter/Garbage Collection	Volume of litter collected	98.32 tons; 1391 linear feet cleaned	Tons	Yes, the litter/garbage collected represents a direct reduction of pollutants that may enter surrounding waterways.
6	Pesticide and Herbicide Application	Number of licensed applicators	8	Licensed applicators	No
6	Maintenance of Roadways and Parks	Number of maintenance projects with pollution	0	Projects	Yes, implementation of pollution prevention plans for roadway maintenance projects represents a direct reduction in pollutants from roadway

		prevention plans implemented			maintenance projects.
6	Employee Training Program	Number of employees trained	10	Employees	No
6	Disposal of Waste	Methods of Disposal	N/A	N/A	Yes, collected floatables are disposed of in an approved landfill and dirt/sediment removed from the drainage systems is re-used for fill as necessary
6	Field Office and Stockpile Material Storage Areas	Number of Pollution Prevention Plans / Number of Inspections	2 / 1	Plans	No

Or, provide explanation below:

N/A

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.:

Implementation of the SWMP is currently in compliance with the implementation schedule. No significant obstacles or challenges have been encountered thus far.

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:

0

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: N/A

b. The total number of acres disturbed for municipal construction projects: N/A

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

a) 125 After the Storm brochures, 125 Illegal Dumping brochures were ordered. 1 educational poster on construction activities was displayed, a guidance document was made available to construction site personnel covering construction site runoff issues, and a Montgomery County Storm Water Quality Coalition website was developed and made available.

b) After the Storm brochures, Illegal Dumping brochures and posters were displayed at city hall and were available for all target audiences including visitors, residents, business owners, etc (Estimated \$500). The guidance document was developed to target all personnel involved in construction activity and the website was designed to help educate all target audiences (Estimated \$3,000).

c) N/A

8. Describe any proposed changes to the SWMP in the coming reporting year.

None

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

In addition to the BMPs already implemented, the highlighted BMPs will be implemented during Year 5.

MCM	BMP	Full Implementation by End of
1	Flyers and Brochures	Year 4
1	Impacts of Illegal Dumping and Littering	Year 3
1	Education of Construction Site Personnel	Year 2
2	SWMP Committee	Year 4
2	Participate in Public Meetings	Year 4
3	Maintain and update the MS4 Outfall Inventory Map	Year 4
3	MS4 Outfall Screening (Dry Weather Screening of Outfalls)	Year 2
4	Construction SWP3 Review Program	Year 4
4	Construction Site Inspection	Year 4
4	Montgomery County Subdivision Rules and Regulations	Year 3
4	Construction Site Notice Posting	Year 4
5	Post Construction Site Runoff Requirement	Year 5
5	Development Project Plan Review	Year 5
5	Inspection of Post Construction Control Measures	Year 5
6	Litter/Garbage Collection	Year 3
6	Pesticide and Herbicide Application	Year 2
6	Maintenance of Roadways and Parks	Year 2
6	Vehicle and Equipment Maintenance	Year 4
6	Employee Training Program	Year 3
6	Disposal of Waste	Year 2
6	Field Office and Stockpile Material Storage Areas	Year 3
6	Drainage System Maintenance	Year 4
6	Maintain County Owned Construction Sites	Year 4
6	County Parking Lots	Year 4

D. Storm Water Management Program Status. Provide the status of every BMP and measurable goal listed in the SWMP, as described in the instructions. Each MCM, but not necessarily each BMP, must include the measurable goals described in the SWMP. For a shared SWMP, include the name of the responsible MS4 operator(s) in the “BMP” column. *(Though an MS4 is not required to implement BMPs until the initial SWMP is approved by the TCEQ, the MS4’s initial annual report should include a description of what has been done to date, even if the SWMP has not yet been approved. The MS4 will receive credit for all BMPs implemented prior to and during the first permit year if they are described in the initial annual report.)*

Table 1 – BMP Status

MCM(s)	BMP	Year 4 Milestones	New or Revised	Start Date	Status / Completion Date (completed, in progress, not started)
1	Flyers and Brochures	Ordered 125 After the Storm brochures and 125 Illegal Dumping brochures.	No	8/12/2009	Full implementation
1	Impacts of Illegal Dumping and Littering	Ordered 125 After the Storm brochures and 125 Illegal Dumping brochures.	No	8/12/2009	Full implementation
1	Education of Construction Site Personnel	Developed construction guidance document, posted 1 construction poster, and made available 125 After the Storm brochures.	No	8/12/2009	Full implementation
2	SWMP Committee	6 SWMP committee meetings were held in Year 4.	No	8/12/2008	Full implementation
2	Participate in Public Meetings	Participated in 1 public meeting	No	8/12/2011	Full implementation
3	Maintain and update the MS4 Outfall Inventory Map	Approximately 75% of the outfalls have been mapped.	No	8/12/2009	In progress / Continued full implementation

3	MS4 Outfall Inspection (Dry Weather Inspection of Outfalls)	Approximately 75% of outfalls have been dry weather screened.	No	8/12/2009	Full implementation
4	Construction SWP3 Review and Permit Compliance	0	No	8/12/2009	Full implementation
4	Construction Site Inspection	0	No	8/12/2011	In progress
4	Montgomery County Subdivision Rules and Regulations	There were no enforcement actions issued under the Montgomery County Subdivision Rules and Regulations	No	8/12/2010	In progress / continued implementation
4	Construction Site Notice Posting	0	No	8/12/2011	Full implementation
5	Post Construction Site Runoff Requirement	No enforcement actions in the MS4 permit area.	No	8/12/2009	Not due until Year 5 – No enforcement actions have been issued within the regulated area.
5	Development Project Plan Review	None in the MS4 permit area.	No	8/12/2009	Not due until Year 5 – No development projects have been submitted for review within the regulated area.
5	Inspection of Post Construction Control Measures	None in the MS4 permit area.	No	NA	Not due until Year 5 – No development projects have been submitted for review within the regulated area.

6	Litter/Garbage Collection	Approximately 98.32 tons of trash was collected along with approximately 1391 miles of ditching cleaned.	No	8/12/2010	Full implementation
6	Pesticide and Herbicide Application	The County has appropriate licensing for personnel responsible for applications.	No	8/12/2009	Full implementation
6	Maintenance of Roadways and Parks	0	No	8/12/2009	Full implementation
6	Vehicle and Equipment Maintenance	The county maintains approximately 177 pieces of rolling stock as needed according to manufacturer's specifications.	No	8/12/2010	Full implementation
6	Employee Training Program	A Storm Water Training Program was held on June 9, 2010 for 10 employees responsible for County operations.	No	8/12/2010	Full implementation
6	Disposal of Waste	The County collects and disposes of all floatables at an approved landfill. Dirt and sediment removed from drainage systems are re-used.	No	8/12/2008	Full implementation
6	Field Office and Stockpile Material Storage Areas	The County has developed a standard pollution prevention plan for 2 Precinct Offices; 1 inspection was conducted.	No	8/12/2010	Full implementation

6	Drainage System Maintenance	There were no citizen requests for ditch maintenance.	No	8/12/2011	Full implementation
6	Maintain County Owned Construction Sites	There were no County owned construction sites for the permit year.	No	8/12/2011	Full implementation
6	County Parking Lots	3 County parking lots were inspected.	No	8/12/2011	Full implementation

Table 2 – Measurable Goals Status

MCM(s)	BMP	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
1	Flyers and Brochures	Distribute or post at least 2 types of available brochures per year (years 4 & 5)	Met	No Changes
1	Impacts of Illegal Dumping and Littering	Distribute or post at least 2 types of available brochures per year (years 3,4,5)	Met	No Changes
1	Education of Construction Site Personnel	Make available to construction site personnel at least 1 guidance on construction site runoff issues each year (years 2,3,4,5)	Met	No Changes
2	Participate in SWMP Committee	Invite local groups to participate at least once per permit term (years 4, 5)	Met	No Changes
2	Participate in Public Meetings	Invite local group to attend public meetings and perform public meetings at least once per permit term (years 4, 5)	Met	No Changes
3	Maintain and update the MS4 Outfall Inventory Map	Conduct 1 review of the map per permit term. (years 4,5)	Met / Mapped approximately 75% of the outfalls.	No Changes
3	MS4 Outfall Inspection (Dry Weather Screening of Outfalls)	Screen 100% of the outfalls once per permit term. (25% per year) (years 2,3,4,5)	Met / Dry weather screened approximately 75% of the outfalls.	No Changes
4	Construction SWP3 Review and Permit Compliance	Review construction plans that will result in the disturbances of greater than or equal to one acre, or are	Met	No Changes

		part of a common plan of development or sale that will result in the disturbance of one or more acres for compliance with the Montgomery County Subdivision Rules and Regulations requirements on an as needed basis (years 4,5)		
4	Construction Site Inspection	Conduct inspections according to the Montgomery County Subdivision Rules and Regulations (years 4,5)	Met	No Changes
4	Montgomery County Subdivision Rules and Regulations	Enforce the Montgomery County Subdivision Rules and Regulations as needed (years 3,4,5)	Met	No Changes
4	Construction Site Notice Posting	Post an appropriate site notice at each County construction site subject to the TCEQ Construction General Permit (years 4,5)	Met	No Changes
5	Post Construction Site Runoff Requirement	Enforce the post-construction site runoff requirements as needed (year 5)	Not due yet	No Changes
5	Development Project Plan Review	Review construction plans for the inclusion of appropriate post-construction controls on an as needed basis (year 5)	Not due yet	No Changes

5	Inspection of Post Construction Control Measures	Conduct at least 1 inspection of control measures per permit term (year 5)	Not due yet	No Changes
6	Litter/Garbage Collection	Collect litter/garbage at least once per year for each identified area included in the program (years 3,4,5)	Met	No Changes
6	Pesticide and Herbicide Application	Maintain at least 1 licensed applicator if herbicide or pesticide is to be applied (years 2,3,4,5)	Met	No Changes
6	Maintenance of Roadways and Parks	Implement a P3 or SWP3 on County maintenance projects requiring formal plans and specifications (years 2,3,4,5)	Met	No Changes
6	Vehicle and Equipment Maintenance	Perform inspections and maintenance activities as indicated by manufacturer's specifications (years 4, 5)	Met	No Changes
6	Employee Training Program	Conduct at least one training program per permit term (years 3,4,5)	Met	No Changes
6	Disposal of Waste	Properly dispose of waste materials on a routine basis (years 2,3,4,5)	Met - all floatables collected are disposed in an approved landfill, dirt and sediment removed from the drainage systems is re-used for fill as necessary.	No Changes

6	Field Office and Stockpile Material Storage Areas	Conduct an inspection of each pollution prevention plan at least once per permit term (year 3)	Met	No Changes
6	Drainage System Maintenance	Respond to each citizen's request for ditch maintenance (years 4,5)	Met	No Changes
6	Maintain County Owned Construction Sites	Inspect and maintain County owned construction sites as required by the TCEQ Construction General Permit (years 4,5)	Met	No Changes
6	County Parking Lots	Inspect/maintain municipal parking areas at least once per year (years 4,5)	Met	No Changes

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: _____

Rebecca Villalba, Team Leader
Texas Commission on Environmental Quality
Storm Water and Pretreatment Team (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

Re: Phase II MS4 Annual Report Transmittal for Montgomery County
TPDES Permit Number: TXR040348

Dear Team Leader:

This letter serves to transmit the Year 4 Annual Report for the Texas Pollutant Discharge Elimination System (TPDES) Small Municipal Separate Storm Sewer System (MS4) General Permit, Authorization Number TXR040348 for the County of Montgomery.

A separate Notice of Change (NOC) has not been submitted based on the fact that changes have not been proposed for Year 5.

As required by the general permit, a copy of this submittal has also been mailed to the TCEQ's regional office in Houston, Texas.

Sincerely,

Rick Masters, CPESC, CPSWQ
Senior Environmental Scientist
Carroll & Blackman, Inc.