

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

A. General Information

1. Permit No. **TXR040383** Annual Report Period: Aug. 13, 2010 – Aug. 12, 2011

Name of MS4 / Permittee: **Fort Bend County (Fort Bend County Storm Water Quality Coalition)**

Contact Name: **Adam Wright**

Telephone Number: **281-342-0141**

Mailing Address: **P.O. Box 1028 Rosenberg, TX 77471**

E-mail Address: **wrighada@co.fort-bend.tx.us**

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:

Fort Bend County and Fort Bend County Drainage District developed and submitted their SWMP together, and will be working together as a coalition during the implementation process. Fort Bend County maintains and operates both the household hazardous waste program/recycling center and the environmental enforcement division mentioned in the report. The Drainage District provides assistance with these programs as needed. Both entities share responsibilities with each MCM based on which entity has more expertise of the BMP.

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: **TXR040045**

Permittee: **Fort Bend County**

Permit Number: **TXR040383**

Permittee: **Fort Bend County Drainage District**

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

Explanation, if any

The Fort Bend County Storm Water Quality Coalition is submitting a combined annual report to represent the combined efforts of both coalition members.

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

A. 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

N/A

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.

N/A

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 Coalition 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 and approved 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 made available	500 bookmarks and 600 brochures/flyers	Materials	No
1	Impacts of Illegal Dumping and Littering	Number of materials made available	500 bookmarks, 600 brochures/flyers and 3 public presentations which reached 450 people	Materials	No
1	Distribute Materials to Local Schools	Number of materials made available	500 bookmarks, ~1180 materials were distributed at local schools	Materials	No

			during 6 different presentations.		
1	Education of Construction Site Personnel	Number of materials made available	Guidance Document developed and made available	Materials	No
1	Public Service Announcements	Number of PSAs	4	PSAs	No
1	Storm Water Website Page	Website Updates	Website was created and updated 1 time	Updates	No
2	SWMP Committee	Number of Meetings	4	Meetings	No
3	MS4 Outfall Inspection (Dry weather inspection of outfalls)	Percentage of outfalls screened	Approximately 75% of total outfalls	Percent	Yes, the identification and elimination of illicit discharges represents a direct reduction in pollution.
3	Local Illicit Discharge Regulations	Number of enforcement actions	0	Enforcement Actions	Yes, enforcement of local illicit discharge regulations represents a direct reductions in pollution.
3	Household Hazardous Waste Program	Number of Evaluations	0	Evaluations	Yes, operating a year round household hazardous waste program reduces the amount of dumping/littering and the amount of pollutants discharged to local waterways.
4	Construction Site Notice Posting	Quantity of Site Notices	3	Site Notices	No

5	Development Project Plan Review	Development Plans Reviewed	0	Plans	Yes, reviewing plans ensures that appropriate structural controls are being used to reduce pollution.
5	Inspection of Post Construction Control Measures	Number of Inspections	0	Inspections	Yes, inspection of construction sites ensures that appropriate controls are in place and functioning properly to reduce pollution.
5	Local Post Construction Site Runoff Regulations	Number of enforcement actions	0	Enforcement Actions	Yes, enforcement of local post construction site runoff regulations represents a direct reduction in pollution.
6	Litter/Garbage Collection	Volume of Litter Collected	~2,150,448 lbs	Pounds	Yes, conducting litter/garbage collection reduces the amount of floatables and other dumping related waste.
6	Pesticide and Herbicide Application	Number of licensed applicators	42	Licensed applicators	No
6	Maintenance of Roadways and Park Areas	Number of maintenance projects with pollution prevention plans implemented	12	Projects	Yes; implementation of pollution prevention plans for roadway maintenance projects represents a direct reduction in pollutants from roadway maintenance projects.
6	Vehicle and Equipment Maintenance	Number of Vehicles to be maintained	731 Vehicles and 123 Heavy Equipment	Vehicles/Equipment	Yes; proper maintenance of vehicles and equipment reduces the amount of pollutants discharged to local waterways.
6	Spill Prevention Plans	Number of SPCC Plans	8	SPCC Plans	No

6	Employee Training Program	Number of employees Trained	118	Employees	No
6	Disposal of Waste	Methods of disposal	N/A	N/A	Coalition disposes of floatables collected in an approved landfill, dirt and sediment removed from the drainage systems is re-used for fill as necessary
6	Maintenance Office and Stockpile Material Storage Areas	Number of inspections	8	Inspections	No
6	Storm Sewer System Maintenance	Storm Sewer System	121,440 linear feet of ditching	Linear Feet	Yes, proper maintenance of storm sewer systems reduces the amount of floatables and sediment discharged to receiving waters.
6	Municipally Owned Construction Sites	Number of Construction Sites	3	Sites	Yes, proper maintenance of structural controls at municipal construction sites reduces the amount of pollutants discharged to local waterways.
6	Roadway Deicing Procedures	Number of Deicing Events	2	Events	Yes, proper collection and disposal of deicing materials reduces the amount of sediment/pollutants discharged to local waterways.

In addition, the county also has an environmental enforcement division which had the following results for permit year 4: Cleaned a total of 864 dumping sites in which 2,150,448 pounds of litter was removed; recycled 45, 775 pounds of waste; received a total of 986 citizen complaints, and issued a total of 159 citations in regards to environmental enforcement. The operation of the recycling center and environmental enforcement division both represent 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.:

The implementation of the SWMP is currently in compliance with the implementation schedule. No significant obstacles or challenges were encountered during permit Year 4.

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:

73

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) 12 presentations were conducted at local schools and boy/girl scout clubs in which 778 people attended and 1310 materials were distributed. In addition, 3 public presentations were conducted in which 450 people attended and 600 materials were distributed. 500 bookmarks were distributed at 5 local libraries and 4 PSAs were developed and aired.

b) 12 presentations were conducted at local schools and boy/girl scout clubs in which 778 people attended and 1310 materials were distributed. In addition, 3 public presentations were conducted in which 450 people attended and 600 materials were distributed. 500 bookmarks were distributed at 5 local libraries and 4 PSAs were developed and aired. The public presentations and PSAs target all audiences. The school presentations and materials delivered to local libraries target residents.

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.

*** The highlighted BMPs will be implemented during Year 5 of the current permit term.**

MCM	BMP	Full Implementation by End of
1	Flyers and Brochures	Year 4
1	Impacts of Illegal Dumping and Littering	Year 4
1	Distribute Materials to Local Schools	Year 3
1	Education of Construction Site Personnel	Year 4
1	Public Service Announcements	Year 4
1	Storm Water Website Page	Year 3
2	SWMP Committee	Year 4
2	Conduct Public Meetings	Year 4
2	Public Notice Requirements	Year 1
3	Maintain and update the MS4 Outfall Inventory Map	Year 4
3	MS4 Outfall Inspection (Dry Weather Inspection of Outfalls)	Year 2

3	Local Illicit Discharge Regulations	Year 5
3	Household Hazardous Waste Program	Year 5
4	Construction SWP3 Review and Permit Compliance	Year 5
4	Construction Site Inspection	Year 5
4	Local Construction Regulations	Year 5
4	Construction Site Notice Posting	Year 3
4	Public Submittal of Information	Year 4
5	Development Project Plan Review	Year 5
5	Inspection of Post Construction Control Measures	Year 5
5	Local Post Construction Site Runoff Regulations	Year 5
6	Litter/Garbage Collection	Year 4
6	Pesticide and Herbicide Application	Year 2
6	Maintenance of Roadways and Park Areas	Year 4
6	Vehicle and Equipment Maintenance	Year 4
6	Spill Prevention Plans	Year 4
6	Employee Training Program	Year 4
6	Disposal of Waste	Year 2
6	Maintenance Office and Stockpile Material Storage Areas	Year 4
6	Storm Sewer System Maintenance	Year 4
6	Maintain Municipally Owned Construction Sites	Year 4
6	Municipal Parking Lots	Year 4
6	Roadway Deicing Procedures	Year 4
6	Municipally Owned Industrial Facilities	Year 2

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	500 bookmarks and 600 brochures/flyers	No	8/12/2011	Full implementation
1	Impacts of Illegal Dumping and Littering	500 bookmarks, 600 brochures/flyers and 3 public presentations which reached 450 people	No	8/12/2011	Full implementation
1	Distribute Materials to Local Schools	500 bookmarks, ~1180 materials were distributed at local schools during 6 different presentations.	No	8/12/2010	Full Implementation
1	Education of Construction Site Personnel	Guidance Document developed and made available on storm water website.	No	8/12/2011	Full implementation
1	Public Service Announcements	Produced and aired 4 Public Service Announcements.	No	8/12/2011	Full implementation

1	Storm Water Website	Website was developed and made available to the public.	No	8/12/2010	Full implementation
1	Storm Drain Marking	Not due yet.	No	8/12/2012	In Progress / required to be started in year 5.
2	SWMP Committee	Conducted 4 SWMP committee meetings.	No	8/12/2011	Full implementation
2	Conduct Public Meetings	Public Meeting presentation was developed and is scheduled to be conducted during Permit Year 5.	No	8/12/2011	In Progress
2	Public Notice Requirements	The Fort Bend County Storm Water Quality Coalition followed all public notice requirements during the permit application process.	No	8/12/2008	Full implementation
3	Maintain and update the MS4 Outfall Inventory Map	Approximately 75% of the outfalls have been mapped.	No	8/12/2011	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
3	Local Illicit Discharge Regulations	Local illicit discharge regulations have been adopted.	No	8/12/2012	Not Due Yet
3	Household Hazardous Waste Program	Not Due Yet	No	8/12/2012	Not Due Yet

4	Construction SWP3 Review and Permit Compliance	Not Due Yet	No	8/12/2012	Not Due Yet
4	Construction Site Inspection	Not Due Yet	No	8/12/2012	Not Due Yet
4	Local Construction Regulations	Not Due Yet	No	8/12/2012	Not Due Yet
4	Construction Site Notice Posting	The coalition posted construction site notices on all applicable sites. (3 sites)	No	8/12/2010	Full implementation
5	Development Project Plan Review	Not Due Yet	No	8/12/2012	Not Due Yet
5	Inspection of Post Construction Control Measures	Not Due Yet	No	8/12/2012	Not Due Yet
5	Local Post Construction Site Runoff Regulations	Not Due Yet	No	8/12/2012	Not Due Yet
6	Litter/Garbage Collection	The coalition conducts garbage/litter collection to reduce floatable materials. 2,150,448 lbs was collected during permit Year 4.	No	8/12/2010	Full Implementation
6	Pesticide and Herbicide Application	The coalition has a total of 42 licensed applicators.	No	8/12/2009	Full Implementation

6	Maintenance of Roadways and Park Areas	The coalition developed roadway maintenance project guidance and standard pollution prevention plans for 12 sites.	No	8/12/2010	Full Implementation
6	Vehicle and Equipment Maintenance	The coalition operates and maintains 731 vehicles and 123 heavy equipment.	No	8/12/2011	Full implementation
6	Spill Prevention Plans	The coalition conducted a self-audit and is developing SPCC Plans for all applicable facilities.	No	8/12/2011	In Progress
6	Employee Training Program	The coalition has developed a training program and trained 118 employees this permit term.	No	8/12/2011	Full implementation
6	Disposal of Waste	All coalition members dispose of floatables collected in an approved landfill, dirt and sediment removed from the drainage systems is re-used for fill as necessary.	No	8/12/2009	Full Implementation
6	Maintenance Office and Stockpile Material Storage Areas	Coalition has begun implementation by conducting a self-audit of maintenance offices and stockpile material storage areas. Pollution prevention plans were developed during permit year 4.	No	8/12/2011	In progress
6	Storm Sewer System Maintenance	121,440 linear feet of ditching was de-silted during permit Year 4. Approximately 20% of the entire system is inspected/maintained per year.	No	8/12/2011	Full implementation

6	Maintain Municipally Owned Construction Sites	Municipally owned construction sites are inspected and maintained as required by the Construction General Permit. The coalition had 3 sites covered under the CGP during Permit Year 4.	No	8/12/2011	Full implementation
6	Municipal Parking Lots	Municipal parking lots are inspected at least once per year.	No	8/12/2011	Full implementation
6	Roadway Deicing Procedures	2 deicing events were conducted during the permit year. Deicing material was collected and properly disposed of.	No	8/12/2011	Full implementation
6	Municipally Owned Industrial Facilities	Conducted inspections of each facility to determine compliance with the MSGP. All facilities had permit coverage, and were provided updated training about recordkeeping during this permit term.	No	8/12/2009	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 4 & 5)	Met	No Changes
1	Distribute Materials to Local Schools	Ensure at least 1 type of material is distributed annually to the local schools (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 4,5)	Met	No Changes
1	Public Service Announcements	Provide at least 1 PSA to be aired by the local media whenever possible at least once per permit term (years 4,5)	Met	No Changes
1	Storm Water Website	Update website at least once per permit term. (years 3, 4, 5)	Met	No Changes
1	Storm Drain Marking	Mark approximately 100% of permanent drains by the end of the permit term. (year 5)	In Progress	No Changes
2	SWMP Committee	Invite local groups to participate at least once per permit term (years 4, 5)	In Progress	No Changes

2	Conduct Public Meetings	Invite local group to attend public meetings and perform public meetings at least once per permit term (years 4, 5)	In Progress	No Changes
2	Public Notice Requirements	Publish public notice in local newspaper as required per TPDES Phase II MS4 General Permit (year 1)	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	No Changes
3	MS4 Outfall Inspection (Dry Weather Inspection of Outfalls)	Inspect 100% of the outfalls once per permit term. (25% per year) (years 2,3,4,5)	Met	No Changes
3	Local Illicit Discharge Regulations	Enforce the local illicit discharge regulations as needed. (year 5)	In Progress	No Changes
3	Household Hazardous Waste Program	Conduct 1 evaluation of the program's effectiveness per permit term. (year 5)	In Progress	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 part of a common plan of development or sale that will result in the disturbance of one or more acres for compliance with the local construction regulations on an as needed basis (year 5)	Not Due Yet	No Changes

4	Construction Site Inspection	Conduct inspections according to the local construction regulations (year 5)	Not Due Yet	No Changes
4	Local Construction Regulations	Enforce the local construction regulations as needed. (year 5)	Not Due Yet	No Changes
4	Construction Site Notice Posting	Post an appropriate site notice at each Coalition construction site subject to the TCEQ Construction General Permit (years 3,4,5)	Met	No Changes
5	Development Project Plan Review	Review construction plans for the inclusion of appropriate post-construction controls on an as needed basis (years 5)	Not Due Yet	No Changes
5	Inspection of Post Construction Control Measures	Conduct at least 1 inspection of control measures per permit term (years 5)	Not Due Yet	No Changes
5	Local Post Construction Site Runoff Regulations	Enforce the local post construction site runoff regulations as needed (years 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 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 Park Areas	Implement a P3 or SWP3 on City maintenance projects requiring formal	Met	No Changes

		plans and specifications (years 4,5)		
6	Vehicle and Equipment Maintenance	Perform inspections and maintenance activities as indicated by manufacturer's specifications (years 4, 5)	Met	No Changes
6	Spill Prevention Plans	Maintain SPCC plans for permittee owned facilities requiring SPCC plans (years 4,5)	In Progress	No Changes
6	Employee Training Program	Conduct at least one training program per permit term (years 4,5)	Met	No Changes
6	Disposal of Waste	Properly dispose of waste materials on a routine basis (years 2,3,4,5)	Met	No Changes
6	Maintenance Office and Stockpile Material Storage Areas	Conduct an inspection of each pollution prevention plan at least once per permit term (years 4,5)	In Progress	No Changes
6	Storm Sewer System Maintenance	Inspect/maintain approximately 20% of the system per year (years 4,5)	Met	No Changes
6	Maintain Municipally Owned Construction Sites	Inspect and maintain municipally owned construction sites as required by the TCEQ Construction General Permit (years 4,5)	Met	No Changes
6	Municipal Parking Lots	Inspect/maintain municipal parking areas at least once per year (years 4,5)	Met	No Changes

6	Roadway Deicing Procedures	Properly use and remove deicing material. (years 4,5)	Met	No Changes
6	Municipally Owned Industrial Facilities	Comply with the TCEQ MSGP at municipally owned industrial facilities that are eligible for MSGP coverage (years 2,3,4,5)	Met	No Changes

Fort Bend County

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: _____

Fort Bend County Drainage District

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 Fort Bend County and Fort Bend
County Drainage District
TPDES Permit Number: TXR040045, TXR040383

Dear Ms. Villalba:

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 Numbers TXR040045, TXR040383 for the Fort Bend County Storm Water Quality Coalition.

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,

John Concienne, CPESC
Environmental Project Manager
Carroll & Blackman, Inc.