

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

A. General Information

1. Permit No. TXR040383

Annual Report Period: Aug. 13, 2009 – Aug. 12, 2010

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 1026 Rosenberg, TX 77471

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

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

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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

A copy of the NOC has been included as Attachment A.

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

The TCEQ has approved the original SWMP that Fort Bend County and Fort Bend County Drainage District are currently implementing.

- 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

The original NOC has been submitted to the address shown on the NOC. A copy of the NOC has been attached to this report for reference.

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	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		

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

Has the permittee determined that any of the selected BMPs are not appropriate for reducing the discharge of pollutants in storm water?

X Yes No

Provide explanation:

After three years of implementation of our current SWMP and a careful self audit of our program, it has become apparent that the current SWMP format does not clearly illustrate our compliance activities with the requirements of each MCM. We are proposing to completely modify our current SWMP to a new format that more accurately identifies our BMPs, measurable goals, implementation schedule, and reporting requirements. Please refer to Attachment A for a copy of the NOC.

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:

Fort Bend County owns and operates a recycling center, at which they accept household hazardous waste. In addition, the county also has an environmental enforcement division which had the following results for permit year 3: Cleaned a total of 417 dumping sites in which 919,735 pounds of litter was removed; recycled 15,695 pounds of waste; received a total of 622 citizen complaints, and issued a total of 117 violations 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.:

After three years of implementation of our current SWMP and a careful self audit of our program, it has become apparent that the current SWMP format does not clearly illustrate our compliance activities with the requirements of each MCM. We are proposing to completely modify our current SWMP to a new format that more accurately identifies our BMPs, measurable goals, implementation schedule, and reporting requirements. Please refer to Attachment A for a copy of the NOC.

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:

15

6. Does the permittee utilize the 7th MCM related to construction? _____ Yes X 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) 2 public presentations were conducted and 850 fliers and brochures were distributed.

b) 2 public presentations were conducted and were available for all target audiences including visitors, residents, business owners, etc. A total 501 people attended the presentations. Approximately 71,000 educational materials were distributed to local schools.

c) N/A

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

We are proposing to completely modify our current SWMP to a new format that more accurately identifies our BMPs, measurable goals, implementation schedule, and reporting requirements. Please refer to Attachment A for a copy of the NOC.

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

***All BMPs listed below are from the newly proposed SWMP attached to the NOC. The highlighted BMPs will be implemented during Year 4 upon approval.**

MCN	BMP	Full Implementation by End of
1	Fliers 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 SWP 3 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.)

* Please refer to Attachment A to see a copy of the NOC as well as the newly proposed SWMP. Fort Bend County/Fort Bend County Drainage District are proposing to completely modify their current SWMP to a new format that more accurately identifies their BMPs, measurable goals, implementation schedule, and reporting requirements. Both entities are currently in compliance with the implementation schedule included in the NEWLY proposed SWMP attached to the NOC. Because the newly proposed SWMP has not been approved yet, all BMPs included in the table below are from the originally approved SWMP.

Table 1 – BMP Status

MCM(s)	BMP	Year 3 Milestones	New or Revised	Start Date	Status / Completion Date (completed, in progress, not started)
1	Extension Programs Promotion	Addition of direct link in Fort Bend County's existing web page.	No	8/12/2008	Reference NOC; proposed changes to BMP have been requested.
1	Health Dept. Presentations	Provide presentations that address nonpoint source pollution issues.	No	8/12/2009	Reference NOC; proposed changes to BMP have been requested.
1	Beat the Baron Waste	Provide one teacher's workshop and educational materials.	No	8/12/2009	Completed; Reference NOC; proposed changes to BMP have been requested.
1	Publications	Distribute nonpoint source pollution prevention publications to at least 1,000 residences and businesses.	No	8/12/2009	Reference NOC; proposed changes to BMP have been requested.

2	Master Gardener	Evaluate extension office's existing agricultural and master gardener programs.	No	8/12/2009	Reference NOC; proposed changes to BMP have been requested.
2	Keep Sugar Land Beautiful	Participate in KSLB programs	No	8/12/2008	Reference NOC; proposed changes to BMP have been requested.
2	SWMP Task Force	Task force creation, coordination and attendance of initial meeting.	No	8/12/2008	Completed; Reference NOC; proposed changes to BMP have been requested.
2	Storm Drain Stenciling	Distribute TCEQ stenciling program information.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
2	Public Notice	No Milestone for year 3	No	8/12/2008	Completed Year 1
3	Recycle Center Program	No Milestone for year 3	No	8/12/2008	Completed Year 1
3	Comprehensive Drainage GIS	Incorporate available drainage data into GIS.	No	8/12/2009	Reference NOC; proposed changes to BMP have been requested.
3	Environmental Health Promotion	No Milestone for year 3	No	8/12/2009	Completed Year 1
3	Environmental Health Evaluation	Not Due Yet	No	8/12/2011	Not started; Reference NOC; proposed changes to BMP have been requested.
3	SBLGA Promotion	Distribute flyers to visitors at Fort Bend County Offices.	No	8/12/2009	Reference NOC; proposed changes to BMP have been requested.
3	HHW Program	Collection of household hazardous waste.	No	8/12/2010	In Progress; met year 3 goals.

3	Illicit Discharge Detection	Conduct 2 annual inspections of each MS4 channel.	No	8/12/2009	In progress; Met year 3 goals. Reference NOC; proposed changes to BMP have been requested.
3	Illicit Discharge Elimination	Document contact with source of illicit discharge requesting compliance.	No	8/12/2009	In progress; Met year 3 goals. Reference NOC; proposed changes to BMP have been requested.
3	State Code Enforcement	Evaluate county authority with respect to applicable state codes on illegal dumping and non-storm water discharges.	No	8/12/2010	Completed. Reference NOC; proposed changes to BMP have been requested.
4	Storm water Mgt. Promotion	Addition of links to existing construction storm water management web site.	No	8/12/2008	Reference NOC; proposed changes to BMP have been requested.
4	Inspection Authority Evaluation	Documented evaluation of authority with respect to construction SWP3 enforcement.	No	8/12/2008	Completed
4	Site Plan Regulations and Review	Develop a storm water design criteria manual with specific, authorized regulations based on Drainage District authority.	No	8/12/2010	In progress; Reference NOC; proposed changes to BMP have been requested.
4	Permit Brochure	Yearly distribution of brochures to permit applicants proposing construction activity.	No	8/12/2009	In progress; Reference NOC; proposed changes to BMP have been requested.
4	Permit Tracking Requirements	Not due yet.	No	8/12/2011	Not started / required to be started in year 4. Reference NOC; proposed changes to BMP have been requested.
4	SWP3 Enforcement	Conduct site inspections within the urbanized area.	No	8/12/2010	In Progress; Reference NOC; proposed changes to BMP have been requested.

4	Public Submittal of Information	Accept public submittals of information regarding storm water quality issues at construction sites.	No	8/12/2010	Completed; met year 3 goals
5	Platting Authority Regulations	Evaluate county authority with respect to nonpoint source runoff from new development.	No	8/12/2010	Completed; Reference NOC; proposed changes to BMP have been requested.
5	Platting Authority Implementation	Develop a storm water design criteria manual based on the adopted drainage district regulations.	No	8/12/2010	In progress; Reference NOC; proposed changes to BMP have been requested.
5	Platting and Inspection Requirements	Not due yet.	No	8/12/2011	Not started / required to be started in year 4. Reference NOC; proposed changes to BMP have been requested.
5	Site Runoff Brochure	Distribute brochures to permit applicants proposing construction activity.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
5	Channel Requirements	Review and evaluate existing channels with respect to channel stability, erosion and sedimentation control.	No	8/12/2010	In progress; Reference NOC; proposed changes to BMP have been requested.
5	Channel Maintenance	Provide recommendations for improving channel maintenance procedures.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
6	Facilities Drainage	Evaluate drainage situations at maintenance facilities	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
6	Spill Kits	Equip maintenance facilities with appropriate spill response equipment and training.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
6	Facilities Housekeeping	Evaluate and provided recommendations to improve good housekeeping practices. Implement recommendations.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.

6	Drainage District Housekeeping	Develop a listing of drainage district facilities that are subject to an O & M or training program, and potentially susceptible to storm water quality impacts.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
6	Road and Bridge Maintenance	Implement recommendations for improving street maintenance and ditch clean out procedures.	No	8/12/2010	Reference NOC; proposed changes to BMP have been requested.
6	Structural Maintenance and Waste Disposal	Not Due Yet	No	8/12/2012	Reference NOC; proposed changes to BMP have been requested.

Table 2 – Measurable Goals Status

MCM(s)	BMP	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
1	Extension Programs Promotion	Add link to webpage	NOC	NOC has been submitted
1	Health Dept. Presentations	Conduct presentations	NOC	NOC has been submitted
1	Beat the Baron Waste	Distribute educational materials to schools	Distributed 71, 250 materials to schools	NOC has been submitted
1	Publications	Distribute nonpoint source pollution prevention publications. Evaluate extension office's existing agricultural and master gardener programs.	Environmental enforcement division distributed 850 brochures	NOC has been submitted
2	Master Gardener	Participate in KSLB programs	NOC	NOC has been submitted
2	Keep Sugar Land Beautiful	Task force creation, coordination and attendance of initial meeting.	NOC	NOC has been submitted
2	SWMP Task Force	Distribute TCEQ stenciling program information.	SWMP committee created consisting of representatives from both the County and the Drainage District.	NOC has been submitted
2	Storm Drain Stenciling	No Milestone for year 3	NOC	NOC has been submitted
2	Public Notice	Completed	Completed	No Changes
3	Recycle Center Program	No Milestone for year 3	Completed	No Changes

3	Comprehensive Drainage GIS	Incorporate available drainage data into GIS.	In progress	NOC has been submitted
3	Environmental Health Promotion	No Milestone for year 3	Completed Year 1	NOC has been submitted
3	Environmental Health Evaluation	Not Due Yet	NOC	NOC has been submitted
3	SBLGA Promotion	Distribute flyers to visitors at Fort Bend County Offices.	NOC	NOC has been submitted
3	HHW Program	Collection of household hazardous waste.	In progress, Met Year 3 goals	No Changes
3	Illicit Discharge Detection	Conduct 2 annual inspections of each MS4 channel.	Met	NOC has been submitted
3	Illicit Discharge Elimination	Document contact with source of illicit discharge requesting compliance.	Met	NOC has been submitted
3	State Code Enforcement	Evaluate county authority with respect to applicable state codes on illegal dumping and non-storm water discharges.	Met	NOC has been submitted
4	Storm water Mgt. Promotion	Addition of links to existing construction storm water management web site.	NOC	NOC has been submitted
4	Inspection Authority Evaluation	Documented evaluation of authority with respect to construction SWP3 enforcement.	Met	NOC has been submitted

4	Site Plan Regulations and Review	Develop a storm water design criteria manual with specific, authorized regulations based on Drainage District authority.	In progress	NOC has been submitted
4	Permit Brochure	Yearly distribution of brochures to permit applicants proposing construction activity.	In progress	NOC has been submitted
4	Permit Tracking Requirements	Not due yet.	NOC	NOC has been submitted
4	SWP3 Enforcement	Conduct site inspections within the urbanized area.	In progress	NOC has been submitted
4	Public Submittal of Information	Accept public submittals of information regarding storm water quality issues at construction sites.	Met	No Changes
5	Platting Authority Regulations	Evaluate county authority with respect to nonpoint source runoff from new development.	Met	NOC has been submitted
5	Platting Authority Implementation	Develop a storm water design criteria manual based on the adopted drainage district regulations.	In progress	NOC has been submitted
5	Platting and Inspection Requirements	Not due yet.	NOC	NOC has been submitted
5	Site Runoff Brochure	Distribute brochures to permit applicants proposing construction activity.	NOC	NOC has been submitted

5	Channel Requirements	Review and evaluate existing channels with respect to channel stability, erosion and sedimentation control.	In progress	NOC has been submitted
5	Channel Maintenance	Provide recommendations for improving channel maintenance procedures.	NOC	NOC has been submitted
6	Facilities Drainage	Evaluate drainage situations at maintenance facilities	NOC	NOC has been submitted
6	Spill Kits	Equip maintenance facilities with appropriate spill response equipment and training.	NOC	NOC has been submitted
6	Facilities Housekeeping	Evaluate and provide recommendations to improve good housekeeping practices. Implement recommendations.	NOC	NOC has been submitted
6	Drainage District Housekeeping	Develop a listing of drainage district facilities that are subject to an O & M or training program, and potentially susceptible to storm water quality impacts. Implement	NOC	NOC has been submitted
6	Road and Bridge Maintenance	Implement recommendations for improving street maintenance and ditch clean out procedures.	In progress	NOC has been submitted

6	Structural Maintenance and Waste Disposal	Not Due Yet	NOC	NOC has been submitted
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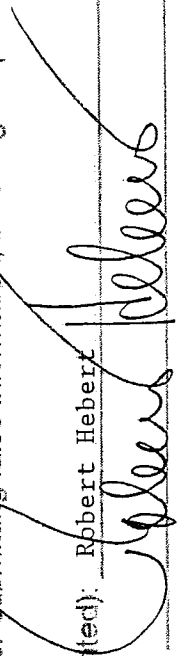
Fort Bend County

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): Robert Hebert

Title: County Judge

Signature: 

Date: November 2, 2010

Jaya Zyman-Ponebshek, 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 {Small MS4 Name}
TPDES Permit Number: TXR040045, TXR040383

Dear Ms. Zyman-Ponebshek:

This letter serves to transmit the Year 3 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** been submitted based on the fact that changes **have** been proposed for Year 4.

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
Environmental Scientist
Carroll & Blackman, Inc.