

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

A. General Information

1. Permit No. **TXR040129**

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

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

Contact Name: **Don Rao**

Telephone Number: **409-835-8584**

Mailing Address: **1149 Pearl Street Beaumont, TX 77701**

E-mail Address: **drao@co.jefferson.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:

The permittee is a participating member in the Jefferson 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, development of ordinances, guidance documents and procedures. The coalition consists of the City of Nederland, City of Groves, City of Port Neches, City of Port Arthur, Jefferson County and the Jefferson County Drainage District No. 7. The Jefferson County Drainage District No. 7 does rely on the Cities and County members of the coalition for enforcement of illicit discharge prohibitions, construction site plan review and inspections, post-construction control measures requirements and regulations. The Cities and County MS4 permit coverage areas completely contain the entire Jefferson County Drainage District No. 7 permit coverage area.

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:

Permit Number: Permittee:

Permit Number: Permittee:

Permit Number: Permittee:

Permit Number: Permittee:

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

Explanation, if any

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

The TCEQ has approved the original SWMP that Jefferson County is 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.

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:

The BMP listed under MCM 6 called “Litter/Garbage Collection” is not an appropriate BMP for Jefferson County because the County does not provide Garbage collection. This service is contracted out to independent collectors and therefore Jefferson County has submitted a Notice of Change requesting that this BMP be removed from their SWMP.

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	Impacts of Illegal Dumping and Littering	Number of materials distributed	300 After the Storm brochures and 300 Illegal Dumping brochures	Materials	No
1	Distribute Materials to Local Schools	Number of materials distributed	600 storm water educational bookmarks	Bookmarks	No
1	Education of Construction Site Personnel	Number of materials distributed	6 Posters, 300 Brochures, and Guidance Document	Materials	No
3	MS4 Outfall Screening	Percentage of outfalls screened	Approximately 50% of total outfalls	Percent	Yes, the detection and elimination of illicit discharges represents a direct reduction in pollutants.
3	Watershed Protection Ordinance	Number of enforcement actions	0	Enforcement Actions	Yes, enforcement of the watershed protection ordinance results in a direct reduction in pollutants.
4	Construction SWP3 Review and Permit Compliance	Number of permits issued	0	Permits	Yes, reviewing plans ensures that appropriate structural controls are being used to reduce pollution.

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	Construction Ordinance	Number of enforcement actions	0	Enforcement actions	Yes, enforcement of the construction ordinance represents a direct reduction in pollution.
4	Construction Site Notice Posting	Quantity of Site Notices	9	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	Post Construction Site Runoff Ordinance	Number of enforcement actions	0	Enforcement Actions	Yes, enforcement of the post construction site runoff ordinance represents a direct reduction in pollution.
6	Litter/Garbage Collection	Volume of litter collected	0	Cubic Yards	Refer to NOC as Attachment A.
6	Pesticide and Herbicide Application	Number of licensed applicators	2	Licensed applicators	No
6	Maintenance of Roadways and Parks	Number of maintenance projects with pollution prevention plans implemented	0	Projects	Yes, implementation of pollution prevention plans for roadway maintenance projects represents a direct reduction in pollutants from roadway maintenance projects.

6	Spill Prevention Plans	Number of SPCC Plans	1	SPCC Plans	No
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	Maintenance Office and Stockpile Material Storage Areas	Number of Inspections	0	Inspections	No
6	Municipally Owned Industrial Facilities	Number of facilities self-audited	1	Facilities	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.:

The implementation of the SWMP is progressing well in Jefferson County. The only major obstacle encountered thus far has been finding legal authority for the County to adopt an ordinance to regulate storm water quality. The county attorneys are currently working on this issue, therefore Jefferson County has submitted a Notice of Change requesting additional time to implement the BMPs related to the adoption and enforcement of an ordinance.

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) 300 After the Storm brochures, 300 Illegal Dumping brochures, and 600 bookmarks were printed and made available to the public, 6 educational posters on construction activities were displayed, a guidance document was made available to construction site personnel covering construction site runoff issues, and a Jefferson 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.

Jefferson County has submitted a Notice of Change requesting additional time for the implementation of all BMPs related to the adoption and enforcement of a storm water quality ordinance. In addition, the County does not provide garbage collection, as this is conducted by independent collectors, therefore the county has requested that the “Litter/Garbage Collection” BMP be removed from their SWMP.

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 4.

MCM	BMP	Full Implementation by End of
1	Flyers and Brochures	Year 4
1	Impacts of Illegal Dumping and Littering	Year 3
1	Distribute Materials to Local Schools	Year 3
1	Education of Construction Site Personnel	Year 2
1	Public Service Announcements	Year 4
1	Storm Drain Stenciling or Appliqués	Year 5
2	SWMP Committee	Year 4
2	Conduct Public Hearings	Year 4
3	Maintain and update the MS4 Outfall Inventory Map	Year 4
3	MS4 Outfall Screening (Dry Weather Screening of Outfalls)	Year 2
3	Watershed Protection Ordinance	Year 3

4	Construction SWP3 Review and Permit Compliance	Year 2
4	Construction Site Inspection	Year 2
4	Construction Ordinance	Year 2
4	Construction Site Notice Posting	Year 3
5	Development Project Plan Review	Year 3
5	Inspection of Post Construction Control Measures	Year 4
5	Post Construction Site Runoff Ordinance	Year 3
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	Spill Prevention Plans	Year 3
6	Employee Training Program	Year 3
6	Disposal of Waste	Year 2
6	Maintenance Office and Stockpile Material Storage Areas	Year 3
6	Storm Sewer System Maintenance	Year 4
6	Maintain Municipally Owned Construction Sites	Year 4
6	Municipal Parking Lots	Year 4
6	Deicing Materials Storage and Use	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 3 Milestones	New or Revised	Start Date	Status / Completion Date (completed, in progress, not started)
1	Flyers and Brochures	Prepared and made available 300 After the Storm brochures and 300 Illegal Dumping brochures.	No	8/12/2011	In Progress / implemented early
1	Impacts of Illegal Dumping and Littering	Prepared and made available 300 After the Storm brochures and 300 Illegal Dumping brochures.	No	8/12/2010	Full Implementation
1	Distribute Materials to Local Schools	Prepared and made available 600 bookmarks.	No	8/12/2010	Full Implementation
1	Education of Construction Site Personnel	Developed construction guidance document, posted 6 construction posters, and made available 300 After the Storm brochures.	No	8/12/2009	Full Implementation
1	Public Service Announcements	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
2	SWMP Committee	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.

2	Participate in Public Meetings	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
3	Maintain and update the MS4 Outfall Inventory	Approximately 100% of the outfalls have been mapped.	No	8/12/2011	Early implementation / Started Early as required to complete dry weather screening
3	MS4 Outfall Inspection (Dry Weather Inspection)	Approximately 50% of outfalls have been dry weather screened.	No	8/12/2009	Full Implementation
3	Watershed Protection Ordinance	See copy of Notice of Change as Attachment A. The ordinance has been developed and the county is in the process of identifying legal authority to adopt it.	Yes	8/12/2010	NOC; in progress
4	Construction SWP3 Review and Permit Compliance	See copy of Notice of Change as Attachment A. The county has developed a storm water permit that will be issued to applicable construction sites upon adoption of the ordinance.	Yes	8/12/2009	NOC; in progress
4	Construction Site Inspection	See copy of Notice of Change as Attachment A. The county has a construction site inspection process that will be implemented upon adoption of the ordinance.	Yes	8/12/2009	NOC; in progress
4	Construction Ordinance	See copy of Notice of Change as Attachment A. The ordinance has been developed and the county is in the process of identifying legal authority to adopt it.	Yes	8/12/2009	NOC; in progress

4	Construction Site Notice Posting	Appropriate site notices were posted at each County Construction site subject to the TCEQ CGP. (9 total sites)	No	8/12/2010	Full Implementation
5	Development Project Plan Review	See copy of Notice of Change as Attachment A. The county will begin reviewing development plans for post construction controls upon the adoption of a storm water quality ordinance.	Yes	8/12/2010	NOC; in progress
5	Inspection of Post Construction Control Measures	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
5	Post Construction Site Runoff Ordinance	See copy of Notice of Change as Attachment A. The ordinance has been developed and the county is in the process of identifying legal authority to adopt it.	Yes	8/12/2010	NOC; in progress
6	Litter/Garbage Collection	See copy of Notice of Change as Attachment A.	Yes	8/12/2010	NOC
6	Pesticide and Herbicide Application	County has appropriate licensing for personnel responsible for applications.	No	8/12/2009	Full Implementation
6	Maintenance of Roadways and Park Areas	Roadway maintenance project guidance and standard pollution prevention plans have been developed.	No	8/12/2009	Full Implementation

6	Vehicle and Equipment Maintenance	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
6	Spill Prevention Plans	SPCC Plans are maintained at all applicable permittee owned facilities.	No	8/12/2010	Full Implementation
6	Employee Training Program	The County has developed and conducted training program.	No	8/12/2010	Full Implementation
6	Disposal of Waste	County disposes 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.	No	8/12/2010	Full implementation
6	Storm Sewer System Maintenance	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
6	Maintain Municipally Owned Construction Sites	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
6	Municipal Parking Lots	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.
6	Roadway Deicing Procedures	Not due yet.	No	8/12/2011	Not started / required to be started in year 4.

6	Municipally Owned Industrial Facilities	Conducted inspection of facility to determine compliance with the MSGP. Facility was provided training on recordkeeping procedures and instructions for renewing permit coverage.	No	8/12/2009	Full Implementation
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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 Early	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	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 2,3,4,5)	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)	Not Due Yet	No Changes
2	Participate in SWMP Committee	Invite local groups to participate at least once per permit term (years 4, 5)	Not Due Yet	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)	Not Due Yet	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 100% 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	No Changes
3	Watershed Protection Ordinance	Enforce the watershed protection ordinance as needed. (years 3,4,5)	In Progress	NOC has been submitted
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 (years 2,3,4,5)	In progress	NOC has been submitted
4	Construction Site Inspection	Conduct inspections according to the local construction regulations (years 2,3,4,5)	In progress	NOC has been submitted
4	Construction Ordinance	Enforce the local construction regulations as needed. (years 2,3,4,5)	In progress	NOC has been submitted
4	Construction Site Notice Posting	Post an appropriate site notice at each City 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 3,4,5)	In progress	NOC has been submitted
5	Inspection of Post Construction Control Measures	Conduct at least 1 inspection of control measures per permit term (years 4,5)	Not Due Yet	No Changes
5	Post Construction Site Runoff Ordinance	Enforce the local post construction site runoff regulations as needed (years 3,4,5)	In progress	NOC has been submitted
6	Litter/Garbage Collection	Collect litter/garbage at least once per year for each identified area included in the program (years 3,4,5)	NOC	NOC has been submitted
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 County maintenance projects requiring formal plans and specifications (years 2,3,4,5)	Met, developed roadway maintenance project guidance and standard pollution prevention plans.	No Changes
6	Vehicle and Equipment Maintenance	Perform inspections and maintenance activities as indicated by manufacturer's specifications (years 4, 5)	Not Due Yet	No Changes
6	Spill Prevention Plans	Maintain SPCC plans for permittee owned facilities requiring SPCC plans (years 3,4,5)	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	Maintenance Office and Stockpile Material Storage Areas	Conduct an inspection of each pollution prevention plan at least once per permit term (years 3,4,5)	Met	No Changes
6	Storm Sewer System Maintenance	Inspect/maintain approximately 50% of the system per year (years 4,5)	Not Due Yet	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)	Not Due Yet	No Changes
6	Municipal Parking Lots	Inspect/maintain municipal parking areas at least once per year (years 4,5)	Not Due Yet	No Changes
6	Roadway Deicing Procedures	Properly use and remove deicing material. (years 4,5)	Not Due Yet	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

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: _____

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 Jefferson County
TPDES Permit Number: TXR040130

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 Number TXR040130 for the County of Jefferson.

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 Beaumont, Texas.

Sincerely,

John Concienne
Environmental Scientist
Carroll & Blackman, Inc.