

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

A. General Information

1. Permit No. **TXR040133**

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

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

Contact Name: **Steve Hamilton, P.E.**

Telephone Number: **409-723-1565**

Mailing Address: **P.O. Box 967 Nederland, TX 77627**

E-mail Address: **shamilt@ci.nederland.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 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 No

Explanation, if any

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

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 X No

3. A receiving water body is newly listed as impaired or a TMDL has been established. _____ Yes X No

4. The MS4 has conducted analytical monitoring of storm water quality. _____ Yes X 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		
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 City 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. The City created an addendum to the SWMP in response to the TCEQ comments.

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	240 After the Storm brochures, 740 Illegal Dumping brochures, & 240 Solution to Pollution 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, 240 Brochures, and Guidance Document	Materials	No
3	MS4 Outfall Screening	Percentage of outfalls screened	Approximately 75% of total outfalls	Percent	Yes, locating and eliminating illicit discharges represents a direct reduction in pollutants.
3	Watershed Protection Ordinance	Number of enforcement actions	1	Enforcement Actions	Yes, enforcement of the watershed protection ordinance results in a direct reduction in pollutants.
4	Construction SWP3 Review and Permit	Number of permits issued	27	Permits	Yes, reviewing plans ensures that appropriate structural controls are being used to reduce pollution.

	Compliance				
4	Construction Site Inspection	Number of inspections	50	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	0	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	30 trash bags of litter; about 28,032 yds ³ of trash from residences.	Cubic Yards	Yes, conducting litter/garbage collection reduces the amount of floatables and other dumping related waste.
6	Pesticide and Herbicide Application	Number of licensed applicators	12	Licensed applicators	No
6	Maintenance of Roadways and Parks	Number of maintenance projects with pollution prevention	11	Projects	Yes, implementation of pollution prevention plans for roadway maintenance projects represents a direct reduction in pollutants from roadway maintenance projects.

		plans implemented			
6	Spill Prevention Plans	Number of SPCC Plans	1	SPCC Plans	No
6	Employee Training Program	Number of employees trained	23	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	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 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:

27

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) 240 After the Storm brochures, 740 Illegal Dumping brochures, 240 Solution to Pollution 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. The coalition paid for the production and airing of 4 Public Service Announcements concerning Storm Water Quality.

b) After the Storm brochures, Illegal Dumping brochures, Solution to Pollution brochures and posters were displayed at the district office and surrounding city halls and were available for all target audiences including visitors, residents, business owners, etc. (Estimated \$700). 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). The Public Service Announcements were aired on local TV channels and were designed to target all audiences (\$5,000).

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	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 4 Milestones	New or Revised	Start Date	Status / Completion Date (completed, in progress, not started)
1	Flyers and Brochures	Prepared and made available 240 After the Storm brochures, 740 Illegal Dumping brochures, & 240 Solution to Pollution brochures.	No	8/12/2011	Full implementation
1	Impacts of Illegal Dumping and Littering	Prepared and made available 240 After the Storm brochures, 740 Illegal Dumping brochures, & 240 Solution to Pollution 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 240 After the Storm brochures.	No	8/12/2009	Full implementation
1	Public Service Announcements	Produced and aired 4 public service announcements on local TV channels concerning storm water quality.	No	8/12/2011	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	Conducted 1 public meeting to discuss the importance of storm water quality with residents.	No	8/12/2011	Full implementation
3	Maintain and update the MS4 Outfall Inventory	Approximately 100% of the outfalls have been mapped.	No	8/12/2011	Full implementation
3	MS4 Outfall Inspection (Dry Weather Inspection)	Approximately 75% of outfalls have been dry weather screened.	No	8/12/2009	Full implementation
3	Watershed Protection Ordinance	Ordinance has been adopted and is currently being enforced	No	8/12/2010	Full implementation
4	Construction SWP3 Review and Permit Compliance	All applicable construction SWP3s are reviewed for permit compliance.	No	8/12/2009	Full implementation
4	Construction Site Inspection	All applicable construction sites that are issued permits are inspected.	No	8/12/2009	Full implementation
4	Construction Ordinance	The construction ordinance has been adopted and is currently being enforced.	No	8/12/2009	Full implementation
4	Construction Site Notice Posting	The City of Nederland did not have any construction projects that required the posting of a construction site notice during year 4.	No	8/12/2010	Full implementation
5	Development Project Plan Review	The City of Nederland did not have any development projects during Year 4.	No	8/12/2010	Full implementation

5	Inspection of Post Construction Control Measures	The City has a construction inspection program and will inspect all applicable post construction control measures as they are developed.	No	8/12/2011	Full implementation
5	Post Construction Site Runoff Ordinance	Ordinance has been adopted and is currently being enforced.	No	8/12/2010	Full implementation
6	Litter/Garbage Collection	The City conducts garbage/litter collection to reduce floatable materials.	No	8/12/2010	Full implementation
6	Pesticide and Herbicide Application	City 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 for 11 projects during permit year 4.	No	8/12/2009	Full implementation
6	Vehicle and Equipment Maintenance	The City operates and maintains 40 vehicles.	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	8/12/2010	Full implementation
6	Employee Training Program	The City has developed a training program and trained 23 employees.	No	8/12/2010	Full implementation
6	Disposal of Waste	City 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	The City has collected approximately 100 yds ³ of floatables, cleaned approximately 2,000 linear feet of ditch, cleaned 10 catch basins, and repaired 8 catch basins.	No	8/12/2011	Full implementation
6	Maintain Municipally Owned Construction Sites	The City maintains all erosion and sediment controls at municipally owned construction sites.	No	8/12/2011	Full implementation
6	Municipal Parking Lots	City owned parking lots are inspected regularly to ensure that they are free of floatables and sediment.	No	8/12/2011	Full implementation
6	Roadway Deicing Procedures	There were no roadway deicing events during permit Year 4.	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 provided updated training about recordkeeping.	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 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)	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)	Met	No changes
2	Conduct Public Meetings	Invite local group to attend public meetings and perform public meetings at	Met	No changes

		least once per permit term (years 4, 5)		
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 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)	Met	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 (years 2,3,4,5)	Met	No changes
4	Construction Site Inspection	Conduct inspections according to the local construction regulations (years 2,3,4,5)	Met	No changes
4	Construction Ordinance	Enforce the local construction regulations as needed. (years 2,3,4,5)	Met	No changes
4	Construction Site Notice Posting	Post an appropriate site notice at each City construction site subject to the TCEQ Construction General Permit	Met	No changes

		(years 3,4,5)		
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)	Met	No changes
5	Inspection of Post Construction Control Measures	Conduct at least 1 inspection of control measures per permit term (years 4,5)	Met	No changes
5	Post Construction Site Runoff Ordinance	Enforce the local post construction site runoff regulations as needed (years 3,4,5)	Met	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 Park Areas	Implement a P3 or SWP3 on City 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	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	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)	In progress	No changes
6	Storm Sewer System Maintenance	Inspect/maintain approximately 50% 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

City of Nederland

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 City of Nederland
TPDES Permit Number: TXR040133

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 TXR040133 for the City of Nederland.

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 Beaumont, Texas.

Sincerely,

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