

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

1. Permit Number TXR040408 Annual Report Year: 4th Year

Name of MS4 / Permittee: Hidalgo County MS4

Contact Name: Ramon Garcia Telephone Number: 956-318-2600

Mailing Address: 1615 South Closner, Suite J, Edinburg, TX 78539

E-mail Address: ramon.garcia@co.hidalgo.tx.us

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

Name and Explanation: N/A

Name and Explanation: N/A

Name and Explanation: N/A

Name and Explanation: N/A

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

a. If the answer to Number 3 is “Yes,” list all associated permit numbers and permittee names (add additional spaces or pages if needed):

Permit Number: N/A Permittee: N/A

Permit Number: N/A Permittee: N/A

Permit Number: N/A Permittee: N/A

Permit Number: N/A Permittee: N/A

b. If the answer to Number 3 is “Yes,” is this a system-wide annual report including information for all permittees?

N/A Yes _____ No

Explanation, if any N/A

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

B. SWMP Modifications and Additional Information.

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

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

A NOC along with a revised SWMP will be submitted in order to make changes to some of our plan’s BMPs (along with their measurable goals). The plan incorrectly identified the Hidalgo County Drainage District No. 1 as being responsible for some BMPs in our SWMP. Hidalgo County will now be solely responsible for all BMPs.

- b. If the answer to Number 1.a. is “Yes,” has the TCEQ already approved the original SWMP? Yes No

The Notice of Application for Small Municipal Separate Storm Sewer System (MS4) General Permit Authorization No. TXR040408 issued on December 15, 2010 indicates that the TCEQ Exec. Director has made a preliminary decision to approve coverage under the TPDES General Permit No. TXR040000.

- c. If the answer to Number 1.a. is “Yes,” 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

Hidalgo County will be submitting a NOC along with a revised SWMP removing the Hidalgo County Drainage District No. 1 as being responsible for implementation of some BMPs in our plan.

2. The MS4 has annexed lands since obtaining permit coverage. If “Yes,” please explain. Yes No

3. A receiving water body is newly listed as impaired or a TMDL has been established. If yes, please explain.

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	Hidalgo County is not currently in compliance with our TCEQ approved SWMP. A NOC along with revised SWMP will be submitted to TCEQ to revise some BMPs and who is responsible for implementation of these. Our present SWMP indicates that certain BMPs would be implemented by the Hidalgo County Drainage District # 1.
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		Hidalgo County is in compliance of recordkeeping and reporting requirements. A copy of the TPDES TXR040000 Permit, NOI and the materials used to complete our application for coverage are maintained by the

		<p>county. These are available to the public within 10 days if requested in writing by the public.</p> <p>We received authorization to be covered under the General Permit (TXR040000) on October 15, 2010. This report is our first to be submitted. We are using the TCEQ Annual Report Template covering Year 4 of the permit to insure we are meeting the permit reporting requirements.</p>
<p>Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)</p>	<p>X</p>	<p>There are no TMDLs for both the Arroyo Colorado Above Tidal (Segment 2202) and the Laguna Madre (Segment 2491). However, both segments are on the 2008 Texas 303 (d) List as impaired water bodies because of bacteria, low dissolved oxygen, mercury, and PCBs . Control of pollutants impacting storm water runoff to these segments by full implementation of the county's SWMP will help in these segments' water quality.</p>

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: A NOC along with a revised SWMP will be submitted in order to make changes to some of our plan's BMPs (along with their measurable goals). The plan incorrectly identified the Hidalgo County Drainage District No. 1 as being responsible for some BMPs in our SWMP. Hidalgo County will now be solely responsible for all BMPs.

- 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:

We are currently not conducting water quality monitoring as part of our plan. We have made progress in protecting storm water quality to the maximum extent practicable by commencing implementation of our SWMP and continuing to address issues such as

illegal dumping even though they are not in our plan. The following are examples of BMPs and how they are being addressed along with additional items that the county is doing beyond what is in the plan to address storm water quality.

The Health Department under Eddie Olivarez has successfully implemented a new OSSF order to insure that septic tank systems are being appropriately sized for the residences where they are being installed to prevent failures that would impact water quality. This order also addresses the limiting of one residence per system by requiring inspections when the system is physically connected to the residence.

The county does not have a centralized system for disposal of wastes from all county department and precinct maintenance shops. Regulated wastes from these shops are being disposed of in an authorized manner using TCEQ authorized waste handlers but each shop is using its own waste handler. Each department or precinct is currently contracting with individual used oil/used oil filters handlers for proper disposal. The county contracts with one scrap tire handler that collects and disposes of scrap tires from the citizen collection centers, right-of-way maintenance, and county operations including those cleaned up from illegal dumpsites. From August, 2010 to October, 2011 of Year 5 of the permit, the county's scrap tire handler has disposed of approximately 211,413 scrap tires.

The Safety Department under Roy Quintanilha has provided storm water awareness training during new county employee orientation stressing appropriate handling of materials at county operations to reduce the discharge of pollutants. They have also been working

with departments having petroleum storage tanks (both underground and above ground tanks) to insure they are being properly maintained and monitored for leaks.

Our Planning Department under Raul Sesin, P.E., has been working with the county's environmental compliance personnel to insure that construction activities requiring planning department authorization be reviewed for storm water requirements under the General Permit for Construction Activities (TXR150000). Outreach by the environmental compliance department with local engineers and contractors have increased compliance with the General Permit for Construction Activities (TXR150000) significantly. We are currently working on a standard operating procedure for our construction site inspection activities and how they will play a part of the county's planning process for future development. Planning personnel are also referring facilities such as auto salvage yards and scrap and waste recycling facilities to the environmental compliance office for guidance with the Industrial Storm Water Multi-Sector General Permit (TXR050000).

The county's Public Affairs Department under Karina Cardoza established the environmental compliance office's website. They have been assisting in maintaining it along with working with the environmental compliance personnel in developing content. An email address stormwater@hchd.org was established recently (Year 5) to allow for the public to submit water pollution complaints addressing BMPs 4.1.6, 4.2.2, and 4.3.3.

In addition to implementing our SWMP, the county has taken on other activities that positively impact storm water quality. The county's storm water drainage system is composed primarily of open ditches located in the right-of-way of county roads. These drainage features attract a significant amount of illegal solid waste dumping and are prone to impacts from erosion and sediment. The county's four precincts are responsible for maintenance of drainage features located within these right-of-ways. Precinct personnel perform a variety of work activities in maintaining these storm water drainage features. They will remove sediment that impedes storm water movement in these ditches in order to primarily address drainage issues but this activity also improves storm water quality by reducing the amount of sediment that would be carried down stream. They are also involved in the removal of solid waste that impedes storm water movement in these features along with eliminating a source of pollutants. As an example of these activities, Hidalgo County Precinct # 3 personnel under Commissioner Jose Flores initiated a program in January, 2010, that tracks the location of solid waste dumping sites and how they are being addressed. Sites are identified when either precinct personnel observe them or they are called in by precinct residents. Once a site is located, they are referred for enforcement to Precinct 3 Constable Larry Gallardo's Office who will cite the responsible person if they can be identified. In cases where a responsible party is not identified, the precinct collects the solid waste and disposes of it in an authorized MSW landfill. Similar activities are taking place at each of Hidalgo County's precincts.

Each precinct currently operates at least one MSW Citizen Collection Center that allows rural county residents to dispose of their solid waste. This allows for the collection and authorized disposal of items ranging from common household trash, white goods, scrap tires,

construction and demolition waste, etc. This is a free service for rural county residents. The county is presently exploring the possibility of implementing a low cost solid waste collection program for curbside collection of household trash along with other waste.

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 county's original MS4 Coordinator left the job on July 15, 2011 and was not replaced with the current coordinator until September 6, 2011. The new coordinator has required time to become familiar with the plan and investigate what has been done to address it. Since the plan is meant to be a multi-department effort, gathering and documenting data concerning progress on implementation has also proven to be a challenge. We will take these lessons into account while working on our Year 5 commitments and when developing the SWMP for the new general permit in 2012. Our present plan mistakenly identified the Hidalgo County Drainage District No. 1 as being responsible for implementation of some BMPs in our SWMP. We will have to submit a NOC to revise our plan making the county responsible for these BMPs.

5. Provide the number of construction activities (other than those where the permittee was the operator) that occurred within the regulated area as indicated by notices of intent or site notices:

Sixteen (16) NOIs from construction activities were submitted to Hidalgo County during Year 4.

6. Does the permittee utilize the optional seventh MCM related to construction? _____ Yes X No

If "Yes," then provide the following information for this permit year:

- a. The number of municipal construction activities authorized under this general permit: _____
- b. The total number of acres disturbed for municipal construction projects: _____

Though the seventh MCM is optional, implementation 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.

Attachment A shows the following:

- 1. Printout of webpage showing current status addressing BMP 4.1.2 Hidalgo County Storm Water Quality Website;
- 2. Agendas for presentations to Hidalgo County Subdivision Advisory Board meetings on March 31, 2011 and April 19, 2011 addressing BMP 4.1.7 (A-H) Educational Programs for Civic Groups, Real Estate Organizations, Businesses, Commercial and Industrial Facilities, and Construction Site Personnel; and,
- 3. Agenda for Hidalgo County Commissioners Court Meeting held May 23, 2011 showing presentation by Dr. Lorie Ochoa, MS4 Coordinator, addressing BMP 4.1.8 Training for County Elected Officials.

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

The county acquired the training program named, “ Storm Water Pollution Prevention (SWPP) for Construction: “Ground Control”” DVD Training Kit. These are produced by EXCAL Visual LLP. See attached Invoice # 272645. The program has been used in the new employee

orientation storm water trainings and presentations to the County's Subdivision Advisory Board. Other resources used have been printing of presentation materials for board members and for county commissioner's court members.

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.

The county is using the list of allowable non-storm water discharges as listed in the general permit.

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

A NOC and a revised SWMP will be submitted to TCEQ removing the responsibility of implementation of some BMPs from the Hidalgo County Drainage District No 1 along with changing measurable goals pertaining to BMP 4.3.2- Storm Drain System Map.

9. Describe any activities planned for the next permit year, not already described.

We plan on implementing the BMPs that we have yet to start and complete the BMPs we have started. Priorities will be: Developing educational materials in house for distribution to the public and county personnel including elected officials; Addressing the Illicit Discharge Detection and Elimination and the Post-Construction Storm Water Management BMPs by using practices already being done by the county; Conduct more outreach to developers, contractors, and engineers; and conduct outreach to other MS4s within Hidalgo County to development cooperative relationships.

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 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
<i>1. Public Education and Outreach</i>	BMP 4.1.1 Hidalgo County Storm Water Logo and Slogan Campaign				Not Started/ Year 5
	BMP 4.1.2 Hidalgo County Storm Water Quality Website	County Public Affairs Division established website with general information regarding storm water information and specific requirements for residential and construction development permit. Website will continue to evolve to provide updated information on Storm Water and other environmental topics.		December, 2010	In Progress/ Year 5
	BMP 4.1.3 Storm Water Education Promotional Program				Not Started/ Year 5

MCM(s)	BMP	Year 4 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
	BMP 4.1.4 Property Tax Bill Insert and Educational Flyer		X (change in responsible party)		Not Started/ Year 5
	BMP 4.1.5 Signage		X (change in responsible party)		Not Started/ Year 5
	BMP 4.1.6 Water Pollution Hotline	Additional staff has been added to the Environmental Compliance Program. In addition to other duties they will be able to answer and respond to complaints and inquiries concerning water pollution issues. First staff was added on 06/20/11 and the second on 07/05/11.	X (change in responsible party)	June 20, 2011	In Progress/ Year 5
	BMP 4.1.7(A-H) Educational Program for Civic Groups, Real Estate Organizations, Businesses, Commercial and Industrial Facilities, and Construction Site Personnel	Presentations were done to the Subdivision Advisory Board on two occasions concerning the TPDES General Permit on Construction Activities (GPC). On March 31, 2011, MS4 Coordinator did presentation to inform the Hidalgo County Subdivision Advisory Board	X (change in responsible party)	March 31, 2011	In Progress/ Year 5

MCM(s)	BMP	Year 4 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
		<p>about the requirements for construction under the GPC TXR150000 during their scheduled meeting. On April 19, 2011, MS4 coordinator again did presentation and showed training video to Subdivision Adv. Board covering GPC TXR150000.</p>			
	<p>BMP 4.1.7 (I-K) Educational Storm Water Documentary and Brochure</p>				<p>Not Started/ Year 5</p>
	<p>BMP 4.1.8 Training for County Elected Officials</p>	<p>On 5/23/11, MS4 coordinator conducted annual meeting at County Commissioner's Court to educate them on the program's requirements and how the county will work to fulfill them.</p>		<p>May 23, 2011</p>	<p>In Progress/ Year 5</p>

MCM(s)	BMP	Year 4 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
<i>2. Public Involvement/ Participation</i>	BMP 4.2.1 Public Meetings	On 5/23/11, MS4 coordinator conducted annual meeting at County Commissioner's Court to educate them on the program's requirements and how the county will work to fulfill them.		May 23, 2011	In Progress/ Year 5
	BMP 4.2.2 Water Pollution Hotline	See BMP 4.1.6		See BMP 4.1.6	See BMP 4.1.6
<i>3. Illicit Discharge Detection and Elimination</i>	BMP 4.3.1 Illicit Discharge Monitoring Program		X (change in responsible party)		Not Started/ Year 5
	BMP 4.3.2 Storm Drain System Map		X (change in responsible party)		Not Started/ Year 5
	BMP 4.3.3 Water Pollution Hotline	See BMP 4.1.6	X (change in responsible party)	See BMP 4.1.6	See BMP 4.1.6

MCM(s)	BMP	Year 4 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
4. <i>Construction Site Storm Water Runoff Control</i>	BMP 4.4.1 Construction Site Monitoring Program	A construction site monitoring program has been implemented. Review and inspection procedures are being developed. Site inspections have been done on 68% of Year 4 residential subdivision developments (17 sites inspected of 25 sites requesting residential and commercial plat approval).	X (change in responsible party)	March 7, 2011	In Progress / Year 5
5. <i>Post Construction Storm Water Management</i>	BMP 4.5.1 Develop Regional Drainage Plan for Storm Water Controls		X (change in responsible party)		Not Started/ Year 5
<i>(New Development/ Redevelopment)</i>	BMP 4.5.2 Post-Construction Storm Water Control Program		X (change in responsible party)		Not Started/ Year 5
6. <i>Pollution Prevention/Good Housekeeping for Operations</i>	MP 4.6.1 Operation and Maintenance Program	The county has initiated development of a multi-departmental approach to develop and implement procedures to reduce pollutants from county operations including facilities maintenance departments. Process was delayed due		June 2, 2011	In Progress/ Year 5

MCM(s)	BMP	Year 4 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
		departure of MS4 coordinator but will be restarted during year 5 of this permit.			
	BMP 4.6.2 County Employee MS4 Training Program	A total of 226 employees have received basic storm water awareness training through new employee orientation or presentations at precinct offices during Year 4. Process was delayed due departure of MS4 coordinator but will be restarted during year 5 of this permit.		February 14, 2011	In Progress/ Year 5
	BMP 4.6.3 Fleet vehicle maintenance and fueling	Each department's maintenance shop is currently responsible for their vehicle and equipment maintenance and fueling. A multi-departmental approach was initiated to identify an approach to handle fleet vehicle maintenance and fueling issues for the county. Process was delayed due departure of MS4 coordinator but will be restarted during year 5 of this permit.		June 2, 2011	In Progress/ Year 5
	BMP 4.6.4 Recycling Used Oil	Each department's maintenance shop is currently using its own transporter to collect its used oil and used oil filters. A multi-departmental approach was		June 2, 2011	In Progress/ Year 5

MCM(s)	BMP	Year 4 Milestone(s)	New or Revised (submit NOC as needed)	Start Date	Status / Completion Date (completed, in progress, not started)
		initiated to identify an approach to handle used oil and used oil filters issues for the county. Process was delayed due departure of MS4 coordinator but will be restarted during year 5 of this permit.			
	BMP 4.6.5 Park Maintenance				Not Started/ Year 5
	BMP 4.6.6 Waste Materials Management	On Site Sewage Facilities (OSSF) Order was enacted on 11/09/2011 by the commissioner's court to amend the OSSF permit process. This order will allow for better control of the installations to insure that only the authorized number of structures is connected to systems. Implementation of new OSSF Order was initiated on November 9, 2011.		February , 2010	Completed/ Year 4 (November 9, 2011)

Table 2 – Measurable Goals Status

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
1	<i>BMP 4.1.1 Hidalgo County Storm Water Logo and Slogan Campaign</i>	4.1.1 (a) Begin designing and creating a logo and slogan for Hidalgo County Storm Water Waste Campaign		
		4.1.1 (b) Incorporate Hidalgo County 's logo and slogan to all educational and promotional item relating to storm water waste management plan		
		4.1.1 (c) Distribute promotional and educational items relating to storm water waste management plan		
1	<i>BMP 4.1.2 Hidalgo County Storm Water Quality Website</i>	4.1.2 (a) Design the storm water waste section on the county website	The webpage for the Office of Environmental Compliance was set up on the Hidalgo County Website in December, 2010.	
		4.1.2 (b) Website up and running	The webpage has been in operation since its creation.	
		4.1.2 (c) Website revised and maintained	The webpage has been updated periodically by the county public affairs staff.	

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.1.2 (d) Incorporate public feedback.		
1	<i>BMP 4.1.3 Storm Water Education Promotional Program</i>	4.1.3 (a) Develop list of promotional items /events		
		4.1.3 (b) Design promotional giveaways.		
		4.1.3 (c) Produce promotional giveaways		
		4.1.3 (d) Distribute promotional giveaways		
1	<i>BMP 4.1.4 Property Tax Bill Insert and Educational Flyer</i>	4.1.4 (a) Design inserts/flyers		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.1.4 (b) Produce inserts/flyers		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.4 (c) Distribute inserts/flyers		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
1	<i>BMP 4.1.5 Signage</i>	4.1.5(a) Identify types of signs that would be used.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.5 (b) Identify location for signs and create partnerships with location to acquire permission to post signs.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.5 (c) Distribute signs at location identify by		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
1	<i>BMP 4.1.6 Water Pollution Hotline</i>	4.1.6 (a) Identify the persons responsible for maintaining hotline and answering questions.	Two additional staff members were hired for the office of environmental compliance. First staff was added on 06/20/11 and the second on 07/05/11. Answering pollution hotline will be part of daily duties.	Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.1.6 (b) Train staff to answer questions and inform.	On the job training on subject matter dealing with storm water issues and concerns is ongoing.	Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.6 (c) Begin operation of hot line	Complaint line became operable in summer months of 2011 shortly after hire of staff.	Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.6 (d) Incorporate hotline number on all promotional items and educational materials.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.6 (e) Advertise hotline annually in newspaper		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.6 (f) Maintain hotline; monitor number of calls		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.6 (g) Report the number of calls, types of concerns and other issues of important matters to Commissioner's Court on an annual basis.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
1	<i>BMP 4.1.7(A-H) Educational Program for Civic Groups,</i>	4.1.7 (a) Research activities contributing pollutants.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
	<i>Real Estate Organizations, Businesses, Commercial and Industrial Facilities, and Construction Site Personnel</i>	4.1.7 (b) Determine availability of existing public education materials.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.7 (c) Develop partnerships with other MS4s		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.7 (d) Acquire and/or develop training material	Two copies of training programs were acquired by Hidalgo County in Year 4- Storm Water Pollution Prevention (SWPP) for Construction: "Ground Control" DVD Training Kit. These are produced by EXCAL Visual LLP. See attached Invoice # 272645.	Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.7 (e) Update educational material		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.7 (f) Send personalized letters to operators of facilities within county jurisdiction once a year, incorporating educational flyers and brochures		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.1.7 (g) Establish an e-mail distribution group to facilitate communication on storm water related issues.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.1.7 (h) Distribute educational material and solicit public feedback once per year.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
	<i>BMP 4.1.7 (I-K) Educational Storm Water Documentary and Brochure</i>	4.1.7 (i) Acquire the brochure and secure permission to duplicate and distribute.		
		4.1.7 (j) Present the brochure and documentary in consort with promotional giveaways and focus on website.		
		4.1.7 (k) Make materials available to visitors at county offices, libraries, museums, county offices and schools.		
1	<i>BMP 4.1.8 Training for County Elected Officials</i>	4.1.8 (a) Prepare and provide educational material similar to that provided to employees		
		4.1.8 (b) Provide SWMP status reports to commissioner court once a year.	On May 23, 2011, Dr. Lorie Ochoa, MS4 coordinator conducted annual meeting at County Commissioner's Court to educate them on the program's requirements and how the county will work to fulfill them.	

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.1.8 (c) Seek / incorporate official feedback on promotion and awareness of storm water pollution and the results perceived.		
2	<i>BMP 4.2.1 Public Meetings</i>	4.2.1 (a) Schedule one public meeting each year to be held in Commissioner's Court.	On May 23, 2011, Dr. Lorie Ochoa, MS4 coordinator conducted an annual meeting at County Commissioner's Court to educate them on the program's requirements and how the county will work to fulfill them.	
		4.2.1 (b) Prepare notices, agendas, coordinate, and conduct one public meeting per year to assess progress of program.		
		4.2.1 (c) Prepare final minutes, incorporate public comment	Commissioner's Court minutes are attached the May 23, 2011 session.	
2	<i>BMP 4.2.2 Water Pollution Hotline</i>	4.2.2 (a) Monitor public input, and prepare report regarding number of calls, requests for information, suggestions, and reported information		
3	<i>BMP 4.3.1 Illicit Discharge Monitoring Program</i>	4.3.1 (a) Develop a list of detection techniques needed for illicit discharge monitoring program		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.3.1 (b) Develop policy procedures needed for illicit discharge monitoring program		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (c) Evaluate existing policies and modify as needed to be in compliance with TCEQ regulations and procedures specified in 4.3.1(b)		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (d) Develop outreach program specifically for this BMP.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (e) Work with partnerships to develop a list of non-storm water discharges that will not be considered illicit.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (f) Implement visual inspection techniques.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (g) Perform visual inspection and monitor 25%-50% of targeted outfalls with dry weather		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.3.1 (h) Perform quarterly visual inspections and monitor 51%-100% of targeted outfalls with dry weather.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (i) Coordinate and monitor removals of illicit connections detected.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (j) Track storm drain system maintenance. Develop feedback mechanism.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.3.1 (k) Document and maintain records of the number of: outfalls monitored, illegal discharges detected, illegal discharges eliminated, and complaints received and addressed		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
3	<i>BMP 4.3.2 Storm Drain System Map</i>	4.3.2 (a) Verify outfall locations to / from MS4.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal. Replace goal with, “Identify drainage features such as ditches owned by Hidalgo County and create map showing these features”.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.3.2 (b) Coordinate mapping with other MS4s directly out falling to HCDD1 MS4.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal. Replace goal with, “Verify outfall locations to and from MS4 system”.
		4.3.2 (c) Incorporate names of system laterals and locations of the Waters of the U.S.		
		4.3.2 (d) Identify source information		
		4.3.2 (e) Update system maps to identify new developments or redevelopments		
		4.3.2 (f) Document coordinating activities with other MS4s, updates, and the methods used to update the drainage system maps		
3	<i>BMP 4.3.3 Water Pollution Hotline</i>	4.3.3 (a) Prepare report regarding number of calls, and reported information regarding illicit discharges and illegal dumping.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
4	<i>BMP 4.4.1 Construction Site Monitoring Program</i>	4.4.1 (a) Develop regulatory mechanism to address storm water runoff control at construction sites, one acre or greater.	Regulatory mechanism already existed under the Hidalgo County Subdivision Rules. The regulations reference back the NPDES program requirements for compliance under the General Permit for construction activities disturbing more than 5 acres.	Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1(b) Review existing construction plan review process to include SWMP3 requirements.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1(c) Develop a public awareness program specifically for this BMP.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (d) Develop procedures for receipt and consideration of input from the public.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (e) Develop procedures for site inspections		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.4.1 (f) Update SWMP through NOC to include description of the Program.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (g) Implement procedures for visual site inspections.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (h) Perform visual inspections and monitor erosion and sediment control BMPs and construction site waste controls for 25%-50% targeted construction sites		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (i) Perform inspections and monitor erosion and sediment control BMPs and construction site waste controls for 51%-100% targeted construction sites		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (j) Document and maintain records of the contractor submittals, site inspections, and compliance. If needed, necessary steps will be taken to notify TCEQ for proper enforcement.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.4.1 (k) Maintain and update the program as required.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.4.1 (l) Review the overall effectiveness of the ESC program considering quantifiable improvements in water quality, clarity, and reductions in sedimentation in local bodies.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
5	<i>BMP 4.5.1 Develop Regional Drainage Plan for Storm Water Controls</i>	4.5.1 (a) Gather and review existing drainage policies, update existing policies, and/or develop a new policies		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.1 (b) Identify storm water controls effective for particular watersheds within a regional plan		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.1 (c) Develop Regional Drainage Plan to incorporate effective storm water controls		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.1 (d) Implement Regional Drainage Plan for Storm Water Controls.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
5	<i>BMP 4.5.2 Post- Construction Storm Water</i>	4.5.2 (a) Review policy and procedures for structural post construction BMPs. This BMP will address post construction BMPs.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
	<i>Control Program</i>	4.5.2 (b) Develop list of post-construction structural and non-structural BMPs appropriate for the county.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.2 (c) Develop procedures for site inspection to ensure controls are in place to address runoff		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.2 (d) Implement procedures for visual site inspection to ensure controls are in place to address runoff.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.2 (e) Update SWMP through NOC to include description of the Post-Construction Storm Water Control Program.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.2 (f) Maintain and update the program as required.		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
		4.5.2 (g) Document and maintain records of site inspections, compliance and enforcement		Remove responsibility of Hidalgo County Drainage District No. 1 for BMP and measurable goal.
6	<i>MP 4.6.1 Operation and Maintenance Program</i>	4.6.1 (a) Identify housekeeping measures and BMPs that will reduce pollutants from County operations and industrial activities for various	The county has initiated development of a multi-departmental approach to develop and implement procedures to reduce pollutants from county operations including vehicle and	

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		locations	facilities maintenance departments. The initial meeting to identify current procedures was held June 2, 2011.	
		4.6.1 (b) Incorporate housekeeping measures into County operations and BMPs that will reduce pollutants and industrial activities at various locations		
		4.6.1 (c) Develop and implement Operation and Maintenance Program procedures for all precincts and specific department.		
		4.6.1 (d) Develop a maintenance program for structural BMPs identifying schedules for inspections and routine maintenance. Clean any system errors in response to reporting.		
		4.6.1 (e) Develop procedures for recording keeping and inspection for maintenance program		
		4.6.1 (f) Implement program for maintenance and routine visual inspections		

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.6.1 (g) Update SWMP through NOC to include description of the Operation and Maintenance Program		
6	<i>BMP 4.6.2 County Employee MS4 Training Program</i>	4.6.2 (a) Identify current county employee training initiatives that can provide education on preventing or reducing pollutant runoff from County operations	The county’s new employee orientation covers county policies and other pertinent information. The Safety Department has been providing storm water awareness training during these sessions. In addition to new employees, some precinct maintenance shop personnel also received training concerning storm water pollution prevention at county operations. A total of 226 employees have received training during Year 4 of permit.	
		4.6.2 (b) Develop a county employee training program that reflects the ultimate goal of preventing or reducing pollutant runoff from County operations.	The safety department, environmental compliance office, and precincts have started providing training to personnel to insure that releases of storm water pollutants from county operations are being controlled or eliminated. Training is being provided during new employee training and site visits at county operations.	
		4.6.2 (c) Develop and/or acquire training materials.	Two copies of training programs were acquired by Hidalgo County in Year 4- Storm Water Pollution Prevention (SWPP) for Construction: “Ground Control” DVD Training Kit. These are produced by EXCAL Visual LLP. See attached Invoice # 272645.	

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.6.2 (d) Initiate Introductory training program for all employees including existing employees and new hires. New hires will be trained at new employee orientation. 20% of existing field operation employees will be trained each subsequent year.	A total of 226 employees have received basic storm water awareness training through new employee orientation or presentations at precinct offices during Year 4. Training sessions were initiated on February 14, 2011.	
		4.6.2 (e) Seek and incorporate feedback regarding County Employee MS4 Training Program		
		4.6.2 (f) Document and maintain records of all activities	Records showing the name of individuals attendees and the number of attendees are maintained by the both the Office of Environmental Compliance and the County's Safety Department of each training event.	
6	<i>BMP 4.6.3 Fleet vehicle maintenance and fueling</i>	4.6.3 (a) Assess procedures for vehicle maintenance work such as fluid changes.		
		4.6.3 (b) Monitor vehicles for leaks and immediately fix any leaks found. Place pans under leaks to collect the fluids for proper disposal or recycling		
		4.6.3 (c) Prohibit the pouring of waste down floor drains, sinks, or outdoor storm drain inlets.		

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.6.3 (d) Train personnel who refuel vehicles to inspect and report spills or overflows and leaks or spills during pumping of liquids		
		4.6.3 (e) Develop county's preventative maintenance schedule to include inspection for loose fittings, poor welds, improper or poorly fitted gaskets, tank foundations, connections, coatings, tank walls, and piping systems		
		4.6.3 (f) Implement county's preventative maintenance schedule to include visual inspection for loose fittings, poor welds, improper or poorly fitted gaskets, tank foundations, connections, coatings, tank walls, and piping systems.		
	<i>BMP 4.6.4 Recycling Used Oil</i>	4.6.4 (a) Evaluate current procedures for recycling used oil	Each county department's and precinct maintenance shop is currently using its own TCEQ authorized transporter to collect its used oil and used oil filters. A multi-departmental approach was initiated to identify an approach to handle used oil and used oil filters issues for the county. This topic was covered on June 2, 2011 when	

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.6.4 (b) Develop appropriate procedures for recycling used oil as per local, state, and federal regulations.		
		4.6.4 (c) Implement procedures for proper collection and disposal methods for recycling used oil.		
		4.6.4 (d) Train field operation personnel in the proper collection and disposal methods of used oil and oil filters		
6	<i>BMP 4.6.5 Park Maintenance</i>	4.6.5 (a) Determine where trash cans are placed throughout the County to ensure appropriate use.		
		4.6.5 (b) Place trash cans at strategic locations throughout the County to encourage the use of trash cans and reduce the possibility of trash placed on the ground and potentially into the storm water drains		
	<i>BMP 4.6.6 Waste Materials Management</i>	4.6.6 (a) Review County's Process for Issuing Permits for Septic Tanks	Review of the county's On-Site Sewer Facilities (OSSF) Order was initiated in February, 2010 due to a Department of State Health Services audit for extension of utilities under the Economically Distressed Areas Program (EDAP).	

MCM	BMPs	Measurable Goal(s)	Success	Proposed Changes (submit NOC as needed)
		4.6.6 (b) Update County's Process for Issuing Permits for Septic Tanks as it relates to local, state, and federal regulations	On Site Sewage Facilities (OSSF) Order was enacted on November 9, 2011 by the commissioner's court to amend the OSSF permit process. This order will allow for better control of the installations to insure that only the authorized number of structures is connected to systems. Implementation of new OSSF Order was initiated on November 9, 2011.	

E. 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): Ramon Garcia

Title: Hidalgo County Judge

Signature: _____

Date: _____

Name (printed): _____

Title: _____

Signature: _____

Date: _____

Name (printed): _____

Title: _____

Signature: _____

Date: _____

Name (printed): _____

Title: _____

Signature: _____

Date: _____

Name (printed): _____

Title: _____

Signature: _____

Date: _____

Add pages as needed.

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

Re: Phase II MS4 Annual Report Transmittal for Hidalgo County MS4
TPDES Permit Number: TXR040408

Dear Team Leader:

This letter serves to transmit the Year 4 Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040408 for the Hidalgo County MS4

A separate Notice of Change will be submitted based on the fact that changes have been proposed for the next permit year.

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

Sincerely,

Ramon Garcia
Hidalgo County Judge