

TRANSPORTATION AND NATURAL RESOURCES

JOSEPH P. GIESELMAN, EXECUTIVE MANAGER



411 West 13th Street
Executive Office Building
PO Box 1748
Austin, Texas 78767
(512) 854-9383
FAX (512) 854-4697

November 12, 2008

Storm Water and Pretreatment Team (MC148)
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Water Program Manager, Region 11 Office
Texas Commission on Environmental Quality
2800 South IH 35, Suite 100
Austin, Texas 78704-5700

Re: Year 1 Annual Report
Storm Water Management Program for the Travis County
Small Municipal Separate Storm Sewer System (MS4)

Dear Sirs:

Travis County submitted a Notice of Intent (NOI) and Storm Water Management Program (SWMP) to TCEQ on February 8, 2008 to meet the requirements of The Texas Pollutant Discharge Elimination System (TPDES) General Permit TXR040000 for storm water discharges from the county's Small Municipal Separate Storm Sewer System (MS4). Although Travis County has not received notification of final SWMP approval, we are pleased to submit the enclosed Annual Report for Year 1 of our proposed SWMP plan. The Report includes the information required in General Permit TXR040000, Part IV. B. 2.

In addition to the Travis County Transportation & Natural Resources Department (TNR), other Travis County departments performing key SWMP activities include: the County Attorney's Office, the Austin/Travis County Health and Human Services Department, the Texas AgriLife Extension Office in Travis County, the County Sheriff's Office, and the Department of Emergency Services.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Gieselman", is written over the typed name and title.

Joseph P. Gieselman, Executive Manager
Transportation & Natural Resources Department

Enclosure

Storm Water Management Program (SWMP) Year 1 Annual Report

A. General information

Name of Permittee: Travis County
Annual Reporting Period: August 13, 2007 through August 12, 2008
SWMP Contact Person: Dave Fowler
Mailing Address: Travis County TNR
P.O. Box 1748
Austin, Tx., 78749
Telephone: 512-854-7590
Email: dave.fowler@co.travis.tx.us

B. SWMP Modifications and Additional Information

1. No changes have been made to the original SWMP since it was submitted to TCEQ with the NOI on February 8, 2008.
2. The MS4 has not annexed any lands.
3. No receiving water body is newly listed as impaired and no EPA-approved TMDLs have been established.
4. The MS4 has not conducted any analytical monitoring of storm water quality.
5. The MS4 is currently relying on the following other government entities to satisfy some permit obligations:

The City of Austin performs construction and post-construction review and inspection requirements (Minimum Control Measures [MCMs] 4 and 5) in the Austin 5-mile Extra-Territorial Jurisdiction (ETJ) for subdivision construction under an existing jointly-adopted County Code Chapter 30. Austin also performs these activities on non-subdivision construction sites in their ETJ as part of their TPDES Phase I storm water program.

The Lower Colorado River Authority (LCRA) performs construction and post-construction review and inspection requirements (MCM 4 and 5) jointly with Travis County in the Highland Lakes Watershed Ordinance area in western Travis County under an existing 1990 Interlocal Agreement between the County and LCRA.

The TCEQ Edwards Aquifer Program performs construction and post-construction review and inspection requirements (MCM 4 and 5) on construction projects in the Barton Springs Edwards Aquifer Recharge Zone and Edwards Aquifer Northern Segment. This program also performs these requirements on construction sites 5 acres and greater in the Barton Springs Edwards Aquifer Contributing Zone.

C. Storm Water Management Program Status

1. Permit Compliance Status: The County believes the Best Management Practices (BMPs) selected are appropriate for achieving the statutory goal of reducing the discharge of pollutants to the Maximum Extent Practicable (MEP) over the Permit Term. The County will evaluate progress towards this goal primarily by successful performance of each of the BMPs and measurable goals listed. The County has substantially implemented the BMP measurable goals listed for Year 1 of the SWMP. Therefore, the County has made satisfactory and significant progress towards implementation and is in compliance with permit conditions.

2. Measurable Goals Results/BMP Status: Tables 1-7 on Pages 4-11 contain all Minimum Control Measures, Best Management Practices, Major Tasks, Measurable Goals, and Due Dates copied directly from the SWMP. The Year 1 BMP Measurable Goal results and status have been added in bold and shaded in these Tables. All Year 1 BMPs and Measurable Goals were met with the following exceptions:

- 1) Page 8 and 9, Tables 4 and 5 – Permit Checklist full implementation has been moved from Year 1 to Year 2.
- 2) Page 10, Table 6 – EHS inspections full implementation has been moved from Year 1 to Year 2.

For the upcoming Permit Year, the County plans to undertake the storm water activities listed in these Tables for Permit Year 2.

3. Unscheduled Activities: Any additional control measures implemented by the County during this Permit Year but not listed in the SWMP are listed at the bottom of each MCM Table as Unscheduled Activities.

4. Pre-Permit Activities: Pre-Permit SWMP activities performed by Travis County prior to August 2007 are listed on Pages 12 and 13.

5. Travis County Construction Activities: No Travis County construction activities were authorized under General Permit TXR040000 during the Permit Year. County construction activities have been authorized under General Permit TXR150000 until the TCEQ approves the Travis County SWMP, as noted in Table 7, on Page 11.

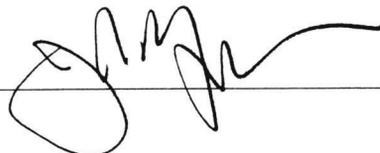
6. Non-Travis County Construction Activities: A total of 2,634 non-Travis County construction activities were granted County development permits in the MS4 in Year 1, including within municipal ETJs. Travis County is developing a system in the SWMP to document the storm water notices for these projects in the TNR development permit program.

7. 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 gather and evaluate the information submitted. Based on the 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Joseph P. Gieselman

Title: Executive Manager, TNR

Signature/Date: _____



11/12/08

Table 1				
MCM 1 - Public Education and Outreach BMPs Year 1 results shaded in bold				
BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
Existing BMPs				
Grow Green Program	Continue educational program support of City of Austin Grow Green Program.	Total number of educational programs and publications distributed annually Total educational program events -3 Total fact sheets distributed – 145,500	Years 1-5	Texas AgriLife Extension Office in Travis County
OSSF Outreach	Perform training sessions for OSSF operators and respond to public inquiries for OSSF	Total number of training sessions conducted, inquiries responded to annually. Training sessions- 1 Inquiries response – 520	Years 1-5	TNR (Stacey Scheffel)
	Develop OSSF Brochure for distribution at TNR Permit Center	Complete Activity On Schedule	Years 1-2	
	Distribute OSSF Brochures	Brochures distributed annually	Years 3-5	
Science Education Outreach	Continue 4-H summer outreach efforts which include a water quality component for grade school age students in Del Valle, P'ville and Manor areas	number of education sessions and service hours performed annually Education Sessions- 14 Service Hours- 44	Years 1-5	Texas AgriLife Extension Office in Travis County
New BMPs				
Watershed Signs	Develop a location plan for watershed signs and select 15 locations for sign placement	Complete Activity Completed	Years 1-2	TNR (David Kemp)
	Adopt standard watershed sign format.	Complete Activity On Schedule	Years 1-2	
	Produce signs in County Sign Shop, install, and maintain	Install 5 sign locations by Year 3, 10 by Year 4, 15 by Year 5	Year 3-5	
Construction Outreach	Receive input from stakeholder groups about types of materials, topics, of most benefit to them for consideration in selecting materials	Complete Activity On schedule	Year 1-2	TNR (Dave Fowler, Stacey Scheffel)
	Select materials, develop brochures for erosion and sediment control and driveway permits	Complete Activity On schedule	Years 1-2	
	Provide brochures and staff guidance to development permit applicants in TNR Permit Center	Record totals annually - Permit counter inquiries responded to; brochures distributed with permits; brochures distributed from kiosk	Years 3-5	
Travis County TV (TCTV)	Review and select materials and develop a broadcast program plan and schedule.	Complete Activity On schedule	Years 1-2	Media Services Program
	Broadcast TCTV Program Plan a minimum of 2 hours per month.	Record totals weekly, monthly, annually - hours and number of broadcasts, with general description of topics	Years 3-5	TNR (Dave Fowler)
SWMP Web Site	Develop an SWMP Web Site Plan including a list of topics and maintenance schedule.	Complete Activity On schedule	Years 1-2	ITS
	Design and publish the website to the internet as part of the existing Travis County website	Complete Activity On schedule	Years 1-2	TNR (Dave Fowler)
	Maintain and update web site, including posting new information and topics in accordance with the maintenance schedule.	Record totals annually - number of web site sign ins and/or hits using log or hit counter.	Years 3-5	

Table 2				
MCM 2 – Public Involvement and Participation BMPs Year 1 results shaded in bold				
BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
Existing BMPs				
Community Storm Water Initiatives	Continue participation in any ongoing efforts by the Regional Water Quality Protection Plan (RWQPP), LCRA Lake Travis Stakeholders, SW Growth Dialogue.	Record totals annually – meetings attended and activities participated in, milestones achieved RWQPP – 4 meetings, 1 Public Meeting performed at LCRA	Years 1-5	TNR (Dave Fowler)
	Continue participation in the Onion Creek, Walnut Creek, and Highland Lakes Flood Damage Evaluation Projects (FDEPs), Colorado River Floodplain Coalition (CRFC), the TMDL Implementation Task Force for Gilleland Creek.	Record totals annually – meetings attended activities participated in, milestones achieved Gilleland TMDL – 11 meetings; Draft TMDL Report approved by TCEQ Onion Ck FDEP – 2 meetings, Phase 2 Final Report completed Walnut Ck FDEP – 3 meetings, Phase 1 of the study is complete Highland Lakes FDEP – 1 meeting CRFC – 2 meetings	Years 1-5	(Stacey Scheffel) (Jon White)
	Complete the Travis County Drainage Basin Study and give County residents in flood prone areas the opportunity for input.	Complete Final Report. Total public participation meetings/total public inquiries. Draft Final Report Completed. Public Meetings - 5 Inquiries received/responded - 20	Years 1-2	(Steve Schiewe)
Open Space Acquisition	Continue to provide opportunities for landowner participation in buyout of floodplain land by the county	Record total annually – floodplain acres purchased, costs Acres- 87 Costs- \$713, 015.82	Years 1-5	TNR (Stacey Scheffel, Melinda Mallia)
	Continue to provide opportunities for landowner participation in Balcones Canyonlands Preserve (BCP). Continue purchase of required acreage for BCP	Record total annually – acres purchased by private participants, costs; acres purchased for the BCP by the county, costs BCP Acres- 0 (5 parcels are pending) Costs- \$80,895 acquisition costs to date	Years 1-5	(Rose Farmer, Kevin Connally)
	Continue to provide opportunities for parkland and open space acquisition by County via voter bonds or other means.	Record total annually – acres purchased, costs Acres- 0 Costs- 0	Years 1-5	(Charles Bergh)
Household Hazardous Waste Collection	Continue financial participation to support the City of Austin Household Hazardous Waste Collection Program.	Record totals annually - County financial contribution and County residents participating Contribution- \$92,000 Participants- 1,685; Avg 140/month	Years 1-5	TNR (Charles Williams)
Adopt-a-Road and Volunteer Projects	Continue assistance to volunteer groups in county roadside cleanup, including signs, trash bags and trash pickup	Record total annually – clean up events, signs installed, bags/ amounts of trash disposed of 2 major volunteer clean-up events Trash Disposed of- 9,748 lbs.	Years 1-5	TNR (various)
Parks and BCP Participation Projects	Continue opportunities for volunteers to participate in Parks and BCP clean-up, restoration, tree planting, etc	Record total annually – events and type, quantities of trees planted, trash disposed of, etc. Trees planted- 170 American Youth Works (AYW) restoration work - 31 crew days/1488 hrs	Years 1-5	TNR (Rose Farmer, Kevin Connally)
New BMPs				
Public Notice for SWMP activities	Comply with all public notice legal requirements for SWMP implementation.	Record totals annually – CC Agenda items, newspaper or internet notices posted Court Agenda Items: SWMP – 2; SWMP related items -16	Years 1-5	TNR (Dave Fowler)
Codes and Standards Development	Provide opportunity for County stakeholders to participate in Code and technical standards revisions for SWMP	Record and document number of meetings and comments received, annually. Meetings-2 (Floodplain Code Ch 64)	Years 1-5	TNR (Dev Services, Dave Fowler)
Storm Drain Inlet Marking	Provide opportunity for volunteer groups in the county to participate in installing storm drain inlet markings	Record totals annually – projects and inlet markers installed. Markers Installed – 0; no volunteer groups participated in Year 1	Years 1-5	TNR (David Kemp)

Unscheduled Activities for MCM 2 performed during the Permit Year

- A public opinion survey was conducted of representative stakeholders and residents in the County which showed a majority supported the County adopting greater land use authority in the unincorporated areas.

Table 3A
MCM 3 – Illicit Discharge Detection and Elimination (IDDE) BMPs - Existing BMPs
Year 1 results shaded in bold

BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
On-Site Sewage Facility (OSSF) Permit Program	Review, permit, and inspect new and upgraded OSSF systems in the county MS4.	Record totals annually – Permit applications reviewed, permitted, inspected, issued final approval. OSSF Permits reviewed/given final approval- 459/440 OSSF Permit total inspections -1325	Years 1-5	TNR (Stacey Scheffel)
	Review and inspect maintenance contracts and reports for aerobic systems, and review semi-annual integrity testing of commercial systems.	Record totals annually – contracts inspected and renewed. commercial test results reviewed/ NOV's issued/ cases filed On schedule	Years 2-5	
	Receive, investigate, and resolve complaints of improper operation and maintenance of OSSF systems or sewage discharge	Record totals annually – complaints investigated, resolved, or referred to enforcement Investigated-206 Resolved -189 Referred -6	Years 1-5	
Travis County Dumping Committee (TCDC)	Continue to participate in monthly TCDC meetings, activities, and provide meeting facilities for the Committee.	Record totals annually - meetings held and participated in. Meetings held/participated- 11	Years 1-5	TNR (Melinda Mallia) County Attorney
Regional Environmental Task Force (RETF)	Continue participation in RETF quarterly meetings and training efforts.	Record totals annually - meetings and training sessions participated in. 4 meetings, 3 training sessions held	Years 1-5	County Attorney TNR
Roadside Litter Abatement	Continue existing program to remove litter from county roadsides and properly dispose at landfills.	Record totals annually – miles of roadsides cleaned; work orders; cubic yards waste disposed Roadside Miles- 2101.5 Work Orders- 1120 CY Waste- 4,157.9 (935, 538 lbs)	Years 1-5	TNR (Road Maintenance)
Auto Salvage Yard Ordinance Program	Review Code Ch 49 standards and revise to meet IDDE requirements as necessary.	Complete activity. On schedule	Years 1-2	ATCHHSD (Gwen Meighan)
	Continue program to inspect and respond to complaints for auto salvage yards, junkyards, and metal recyclers	Record totals annually - inspections/ compliant within 30 days/ referred for enforcement Inspections- 1 Compliant/Referred- 1/0	Years 1-5	
Spill Response	Review, revise existing procedures and agreements for spill response as necessary	Complete Activity. On schedule	Years 1-2	TNR (Charles Williams)
	Continue to respond to haz-mat spills and dumping per adopted procedures and agreements	Record totals annually - spills or dumping responded to/remediated; in right-of-way (ROW) or private lands; referred for enforcement ROW Haz-Mat Illegal Dumping Response - 6 responses with \$9,773.81 contracted clean-up costs	Years 1-5	Emergency Services County Attorney
Nuisance Abatement Program	Continue program to inspect and respond to complaints for rubbish, litter, and junked vehicles in the County MS4 under County Code Chapter 61.	Record totals annually - inspections/ compliant within 30 days/ referred for enforcement Inspections- 645 Compliant/Referred- 504/141	Years 1-5	ATCHHSD (Gwen Meighan)

Table 3B				
MCM 3 – Illicit Discharge Detection and Elimination (IDDE) BMPs - New BMPs				
Year 1 results shaded in bold				
BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
IDDE Program	Adopt regulations and/or regulatory mechanisms for IDDE program; Revise Code Enforcement Policy and Procedures as necessary for IDDE efforts	Complete Activity On schedule	Year 1-2	TNR County Attorney
	Develop and implement an IDDE response plan identifying the primary first response jurisdiction and contacts for MS4 areas	Complete Activity On schedule	Year 1-2	TNR County Attorney
	Review/revise existing county IDDE contact points as necessary and designate lead staff for IDDE complaint response	Complete Activity On schedule	Year 1-2	(Dennis Rudder) County Sheriff's Office
	Investigate/inspect and resolve illicit discharge complaints	Record totals annually -Complaints received, investigated, referred to others, resolved, enforced.	Years 2-5	(Sydney Parker)
Industrial Site Monitoring and Outreach	Develop and maintain an inventory of industrial sites and perform outreach to educate and ensure compliance.	Complete inventory On schedule	Years 1-2	TNR
		Maintain inventory and perform outreach on 30% of sites by Year 3, 60% by year 4, 100% by Year 5.	Years 3-5	(Keith Coburn & staff)
	Review new and redeveloping Industrial Sites through TNR Development Permit Center to ensure compliance with applicable industrial storm water regulations.	Record totals annually - new or redeveloping industrial sites reviewed and issued county development permits.	Years 2-5	
	Develop/ implement system to respond to industrial site complaints, including direct response or referral to TCEQ or other.	Record totals annually - complaints received, investigated, referred, resolved	Years 2-5	
MS4 Map	Develop base MS4 GIS map.	Complete activity. Completed.	Year 1	TNR
	Develop and implement system to maintain and update MS4 Map for municipal annexations, development permits, county construction activities, etc.	Complete activity. Update and maintain map. Record total acres removed from county MS4 through annexation annually. On schedule.	Years 1-2	(Amanda Celso, David Kemp, Robert Dial)
	Perform Outfall Reconnaissance Inventory (ORI) inspections to document structures, BMPs, and outfalls and complete MS4 Map.	Record totals annually - structures and outfalls added to MS4 Map. Complete 25% by Year 2, 50% Year 3, 75% Year 4, 100% Year 5. Total Structures added - 1,201 Outfalls- 34	Years 1-5	

Unscheduled Activities for MCM 3 during the Permit Year

- The Travis County Attorneys Office Enforcement Division performed the following activities on illegal dump sites – 290 sites investigated, 98 sites cleaned up, \$21,125 in fines collected, and 215,950 pounds of waste material removed.
- The Travis County Sheriff's Office performed the following activities on illegal dump sites – 76 sites investigated, 37 sites cleaned up, \$30,000 in fines collected, and 7,500 pounds of waste material removed.

Table 4
MCM 4 – Construction Site Storm Water Runoff Control BMPs
Year 1 results shaded in bold

BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
Existing BMPs				
Development Complaint Hotline	Review existing points of contact, procedures, response criteria, public advertising and revise as necessary	Complete activity. Completed.	Year 1	TNR
	Continue operation of phone hotline.	Record number of inquiries received/responded to/referred Inquiries-533 Resolved/referred-400/10	Years 1-5	
New BMPs				
SWP3 Regulations	Finalizing interim water quality rules for Non-ETJs areas, including adoption of SWP3 regulations for subdivision and non-subdivision construction.	Complete activity On schedule.	Years 1-2	TNR
	Revise 1990 Interlocal Agreement with LCRA for Non-ETJ areas subject to the Highland Lakes Watershed Ordinance, including SWP3 requirements for subdivision and non-subdivision construction.	Complete activity On schedule.	Years 1-2	
	Implement Interlocal Agreements or other mechanisms with SWP3 requirements for subdivision and non-subdivision construction, for municipal ETJs with largest populations.	Complete activity On schedule.	Years 1-3	
	Implement Interlocal Agreements or other mechanisms with SWP3 requirements for subdivision and non-subdivision construction, for municipal ETJs with smallest populations.	Complete activity	Years 3-5	
Permit Application and Plan Review	Develop and implement a Development Permit Checklist review system for 100% of permit applications which includes SWP3 regulations requirements.	Complete and implement Checklist. Record total permit applications reviewed annually. Total Dev. Permits approved – 2,634 Checklist document complete but not fully implemented in review process- awaiting County Attorney review. Implementation for NOI review planned by Year 2.	Years 1-5	TNR
	Develop and implement a plan review system for SWP3 requirements for all projects. Review all projects 5 ac or greater by Year 3; all 3 ac or greater by Year 4; all non-single family residential projects (SFR) and SFR over 1 ac by Year 5.	Record number of projects reviewed, permitted annually.	Years 3-5	
	Continue Single Office review for subdivisions in Austin ETJ and other municipal ETJs with Interlocal Agreements, which includes SWP3 review by the county or municipality.	Record number of projects reviewed, permitted annually per jurisdiction. Austin ETJ Subdivision Projects Reviewed/ Permitted- 86/64 (construction review by Austin)	Years 1-5	
Inspection and Enforcement	Develop and implement an inspection and enforcement system for SWP3 requirements, including technical standards, procedures, response protocols; training for inspectors.	Complete Activity On schedule.	Years 1-2	TNR
	Inspect all construction projects 5 ac or greater for SWP3 requirements by Year 3; all 3 ac or greater by Year 4; all Non-SFR projects and SFR over 1 ac by Year 5.	Total inspections and sites inspected annually/% compliant/no. enforced	Years 3-5	

Unscheduled Activities for MCM 4 during the Permit Year:

- 19 subdivision and commercial permits/construction plans were reviewed for SWP3 controls in municipal ETJ areas of the MS4 prior to issuance of a County Development Permit.

Table 5
MCM 5 – Post-Construction Storm Water Management BMPs
Year 1 results shaded in bold

BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
New BMPs				
Post-Construction Storm Water Management Regulations and Technical Standards	Finalize interim water quality rules for Non-ETJ areas, including adoption of post-construction storm water regulations for subdivision and non-subdivision construction.	Complete activity On schedule.	Years 1-2	TNR
	Revise 1990 Interlocal Agreement with LCRA for Non-ETJ areas subject to the Highland Lakes Watershed Ordinance, including post-construction storm water regulations for subdivision and non-subdivision construction.	Complete activity On schedule.	Years 1-2	
	Implement Interlocal Agreements or other mechanisms which include post-construction storm water regulations for subdivisions and non-subdivision construction in municipal ETJs with largest populations.	Complete activity On schedule.	Years 1-3	
	Implement Interlocal Agreements or other mechanisms with post-construction storm water regulations for subdivisions and non-subdivision construction in municipal ETJs with smallest populations.	Complete activity	Years 3-5	
Permit Application and Plan Review	Develop and implement a Permit Checklist review system for 100% of permit applications which includes identification of post-construction storm water regulation requirements.	Complete/implement Checklist. Record total permit applications reviewed annually. Total Dev. Permits approved – 2,634 Checklist document complete but not fully implemented - awaiting County Attorney review. Implementation for post-const review process planned by Year 2.	Years 1-5	TNR
	Develop and implement a plan review system for all projects requiring post-construction storm water BMPs. Review all projects 5 ac or greater by Year 3; all 3 ac or greater by Year 4; all non-single family residential projects (SFR) by Year 5.	Record number of project plans reviewed, permitted annually.	Years 3-5	
	Continue Single Office review for subdivisions in Austin ETJ and other municipal ETJs with Interlocal Agreements, which includes post-construction storm water regulations review by the county or municipality.	Record number of projects reviewed, permitted annually per jurisdiction. Austin ETJ Subdivision Projects Reviewed/ Permitted- 86/64 (post-construction review by Austin)	Years 1-5	
Post-Construction BMP Inspection and Maintenance	Develop and adopt regulations and other regulatory mechanisms to ensure operation and maintenance of post-construction BMPs in the county MS4. Adopt criteria for BMP maintenance.	Complete Activity On schedule.	Years 1-2	TNR
	Adopt inspection procedures or agreements to ensure BMPs are constructed per plans Inspect all projects 5 ac or greater by Year 3; all 3 ac or greater by Year 4; all Non-SFR projects Year 5.	Total sites inspected annually/ total compliant at final inspection/ total referred to other jurisdiction	Years 3-5	
	Develop and maintain inventory of new BMPs through the ORI process in BMP 3.3.3 MS4 Map.	See BMP 3.3.3 MS4 Map and Table 3B.	Years 2-5	
	Conduct inspections and any required maintenance for any BMPs in the MS4 accepted by the county per adopted criteria.	Total county BMPs inspected/ maintained annually	Years 2-5	

Unscheduled Activities for MCM 5 during the Permit Year

- Adopted an amendment to Chapter 30, Subdivision Code with the City of Austin ETJ, increasing the size of the buffer zone/setback from the Colorado River for development projects east of Austin.

Table 6
MCM 6 – Pollution Prevention and Good Housekeeping for County Operations BMPs
Year 1 results shaded in bold

BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
Existing BMPs				
Closed County Landfills	Continue to monitor identified closed County landfills in the MS4 as necessary to maintain compliance with applicable waste and discharge regulations.	Prepare Annual Closed Landfill Status Report for County Auditor. Completed.	Years 1-5	TNR (Keith Coburn)
	Continue to maintain Hwy 290 East Closed Landfill leachate collection and disposal system via contract.	Total gallons of leachate disposed of annually to the Austin waste water system. 3,400,002 gallons	Years 1-5	
Pesticide Applicator Licensing	Continue Non-Commercial Certified Applicator Licensing and CEUs for employees using pesticides and herbicides	Record number annually – road and parks employees certified, re-certified, and taking CEUs Employees Certified/ReCert/CEUs- 22	Years 1-5	TNR (Charles Williams)
Environmental Health and Safety (EHS) Program for TNR Facilities	Continue EHS Plans for primary MS4 maintenance facilities, including existing and new required storm water pollution prevention BMPs for this section	Record semi-annual inspections and compliance status with BMPs. 4501 RM 620 North – 1 inspection; 53/63 Items = 83% compliance 9301 Johnny Morris Rd - 1 inspection; 41/63 items = 65% compliance 5412 Hwy 183S – no inspection Did not achieve full number of inspections. Inspection goals will be met in Years 2-5.	Years 1-5	TNR (Keith Coburn, Chas Williams)
New BMPs				
Good Housekeeping BMPs	Review and revise storm water pollution prevention BMPs for all areas in the existing EHS Plans as necessary.	Complete Activity On schedule.	Years 1-2	TNR (Dave Fowler)
	Implement revised BMPs as part of the EHS Plans	Refer to EHS Plans, above	Years 2-5	
Employee Training Program	Develop training program including storm water awareness, and procedures and standards for BMPs for the EHS Plans and the MS4 maintenance operations.	Complete Activity On schedule.	Years 1-2	TNR (Dave Fowler)
	Implement annual employee training.	Total employees trained annually, including 100% of employees in applicable operations.	Years 3-5	
Structural Control Maintenance	Review and revise existing EHS Plans for structural control maintenance as necessary	Complete Activity On schedule.	Years 1-2	TNR
	Conduct structural control maintenance per EHS Plan procedures and schedules	Total storm water structural controls maintained annually	Years 2-5	
Waste Management and Disposal	Review and revise existing EHS Plans and County Waste Management Code Chapter 111 as necessary for waste management and disposal BMPs.	Complete Activity. On schedule.	Years 1-2	TNR (Charles Williams) (Facilities Management for solid waste)
	Implement revised waste management and disposal BMPs as part of the EHS Plans.	Quantities recycled/disposed of annually: Recycled: Waste oil – 5,890 gal Tires – 6,335* Antifreeze – 660 gal Batteries- 288 Disposed: Dumpster solid waste– est. 1600CY	Years 2-5	
Erosion and Sediment Control (ESC) Program for Maintenance Construction	Adopt criteria for use of temporary and permanent ESC BMPs on county maintenance construction activities.	Complete Activity On schedule.	Years 1-2	TNR Road Maintenance
	Perform ESC BMPs on applicable maintenance construction projects and work orders per criteria	Perform BMPs on 40% of applicable work orders by Year 3, 60% by Year 4, 100% by Year 5	Years 3-5	

*includes tires from fleet maintenance operations and tires picked up after dumped on County right-of-way.

Table 7 MCM 7 – Authorization for County Construction Activities BMPs Year 1 results shaded in bold*				
BMP	Major Tasks	Measurable Goals	Due Date	Responsible Party
New BMPs				
Storm Water Pollution Prevention Plan (SWP3) BMPs	Develop SWP3 compliance system to be followed on all County Construction Activities, including technical standards, plan review, and inspection/enforcement	Complete SWP3 Standards Document and implement system Completed.	Year 1	TNR (Dave Fowler, CIP)
	Review 100% of proposed County construction project plans for compliance with SWP3 Standards	Record number of project plan reviews per year Plan Reviews, SWP3 – 12*	Years 1-5	TNR (Dave Fowler)
	Inspect 100% of County projects under construction for compliance with SWP3 Standards	Record number of SWP3 inspections and compliance status per project/per year.	Years 2-5	TNR (CIP)
Post-Construction BMPs	Review 100% of construction plans and permit applications for county projects implementing post-construction BMPs	Record number of plan and/or permit application reviews on applicable projects per year. Plan Reviews, Post-Construction – 8*	Years 1-5	TNR (Dave Fowler, CIP)
	Ensure 100% of county projects implementing post-construction BMPs are constructed per plans.	Record number of final inspections for post-construction BMPs on applicable projects per year.	Years 2-5	TNR (CIP) (Robert Dial, David Kemp)
	Ensure newly constructed BMPs and drainage structures on County projects are documented through the ORI process described in BMP 3.3.3 MS4 Map.	See BMP 3.3.3 MS4 Map and Table 3B in MCM 3.	Years 2-5	TNR (Robert Dial, David Kemp)

*County construction activities in Year 1 were authorized under General Permit TXR150000. General Permit TXR040000 will not be used for authorization until the SWMP is approved by TCEQ.

Unscheduled Activities for MCM 7 during the Permit Year

- SWMP staff performed quarterly audit inspections of County projects under construction to assist CIP staff with SWP3 implementation.

Highlights of SWMP Pre- Permit Activities by Travis County - 2004 through 2007.

MCM 1 – Public Education and Outreach BMPs

- Continued Grow Green Program and 4-H summer outreach efforts through Texas AgriLife Extension Office.
- Continued training sessions and public inquiries response for On-site Sewage Facility (OSSF) permitting program
- Performed public educational activities for illegal dumping and environmental crimes prevention between March 2006 and August 2007 which included 7 training events, 575 brochures/publications distributed, 6 mass media events reaching an estimated 500,000 area residents.

MCM 2 – Public Involvement and Participation BMPs

- Participated in the Regional Water Quality Protection Plan (RWQPP) for the Edwards Aquifer, and the Southwest Travis County Growth Dialogue public participation groups, which completed final reports and recommendations in 2005.
- Participated in the LCRA Lake Travis Ordinance Stakeholders group, contributing to revising the LCRA Highland Lakes land Development Ordinance in 2006.
- Continued participation in the Onion Creek, Walnut Creek, and Highland Lakes Flood Damage Evaluation Projects (FDEPs), and the Colorado River Floodplain Coalition groups.
- Continued annual interlocal agreement with City of Austin Household Haz-Waste Collection program to allow participation by County residents.
- Continued open space land acquisition, including:
 - Floodplain Buyout, 2000-2007 – 29.29 acres for \$7,357,249 cost
 - Parkland acquisition, 2002 – 282.72 acres for \$1,391,300 cost (East Metro Park and SE Park II)
 - Parkland acquisition, 2005 – 2,361.93 acres for \$26,793,217 cost (Reimers Ranch, Hogge, Pogue Springs, Reimers Reserve)
 - Balcones Canyonlands Preserve, 2000-2007 – 5,037 acres for \$49, 886,479 cost.

MCM 3 – Illicit Discharge Detection and Elimination (IDDE) BMPs

- Continued existing OSSF permit and inspection program
- Continued existing Travis County Dumping Committee (TCDC) coordination meetings
- Continued participation in the Regional Environmental Task Force
- Continued existing annual Roadside Litter Abatement activities
- Continued existing Auto Salvage Yard and Nuisance Abatement inspection programs by the Austin Travis County Health and Human Services Departments. Between March 2006- Aug. 2007, 547 illegal dump sites investigated, 111 sites cleaned up, and \$763 in fines collected.
- Continued Spill Response in County right-of-way (ROW) by Emergency Services Department – 6 Haz-mat ROW responses with \$4, 399.17 contracted clean-up costs between October 2007 and August 2007.
- Continued illegal dumping enforcement program by the Travis County Sheriff's Office. Between March 2006 and August 2007, 168 sites were investigated, 107 sites cleaned up, \$53,000 in fines collected, and 64,555 pounds of waste material was removed.
- Implemented an environmental crimes enforcement program through the Travis County Attorney's Office Enforcement Division beginning in 2005. Between March 2006 and August 2007, 482 sites investigated, 101 sites cleaned up, \$58,214 in fines collected, and 137,708 pounds of waste material was removed.
- Adopted County Code Chapter 62 for siting of Solid Waste Facilities in 2003, and amended in 2005, for water quality protection and public health and safety.
- Continued development of MS4 GIS Map - purchased upgraded GPS Units, developed criteria for field inventory of drainage structures and outfalls, began developing geodatabase.

MCM 4 and MCM 5 – Construction Storm Water Runoff Control BMPs and Post-Construction Storm Water Management BMPs

- Adopted and implemented County Code Chapter 30, County-City joint subdivision Code with City of Austin (COA) within their 5-mile Extra-territorial Jurisdiction (ETJ). COA responsible for construction and post-construction review and inspection for subdivisions.
- Adopted and implemented County Code Chapter 82, Interim Water Quality Rules for areas outside of Municipal ETJs, with construction and post-construction requirements for subdivisions >20 acres and commercial sites, in 2005.
- Implemented an expanded rural driveway permit review and inspection program to improve secondary storm water management in County right-of-way, 2006.

MCM 6 – Pollution Prevention and Good Housekeeping for County Operations BMPs

- Continued annual closed landfill monitoring and operation of leachate collection and disposal system at 290 East Landfill.
- Implemented EHS inspection program for major TNR Facilities.
- Continued Pesticide Applicator certification program for applicable TNR employees.

MCM 7 – Authorization for County Construction Activities BMPs

- Developed and implemented Storm Water Pollution Prevention Plan (SWP3) standards, review, and inspection program for TNR Capital Improvements Projects (CIPs).
- Developed and implemented an environmental compliance review system for CIPs