

SWPPI PRIOGRESS REPORT SCC HEALTH DEPARTMENT
October 1, 2009 - September 30, 2011

Permit Requirement	Responsible Party	Best Management Practice	Schedule	2010 Reporting	2011 REPORTING	Met Benchmark?
	Health Dept.			(Oct. 1, 2009 - September 30, 2010)	(Oct 1, 2010 - Sept 30, 2011)	
TMDLs	N/A	No Ecoli or Phosphorous TMDLs were developed in the urbanized portion of the NEW at the time of permit application.	N/A	N/A	N/A	N/A
	Anchor Bay Ecoli TMDL for Metropolitan Beach and Memorial Beach					
	√	<u>TMDL Sampling:</u> Take 1 representative sample from at least 50% of the major discharge points (36") in the urbanized area within the ABay watershed.	2011	More tributary locations added for ABay for E. coli monitoring conducted in summer 2010. Samples taken from SCC's discharge points in ABay in the fall.	Sampling of SCCDO discharge points in ABay completed in 2011 as part of ABay TMDL grant. Discharge point screening spreadsheets are attached to this annual report.	√
	√	<u>Priority TMDL Implementation Action:</u> Determine priority waterways/ subwatersheds based on sampling results and survey these waterways as defined in SCC's IDEP.	2011 & 2012	Priority waterways for IDEP surveys were based on E.coli monitoring and were Marsac Creek, Meldrum Drain and Swartout Creek.	Crapau, Marsac, Meldrum and Swartout Creeks were surveyed as part of the ABay TMDL Grant.	√
		<u>Develop Priority TMDL actions for 2013 - 2018:</u> Prioritize implementation actions to reduce Ecoli for the next permit cycle based on sampling and survey results.	2012	A TMDL Implementation Plan for ABay will outline potential future actions in Fall 2011.	An <i>Ecoli</i> reduction plan was completed and submitted to the state on September 22, 2011	√
Public Participation Process	√	<u>Watershed Meetings:</u> Participate in watershed advisory group and subcommittee meetings	6 NEW, 4 ABay, and 4 Belle River WAG mtgs/yr.	The SCCHD facilitated 6 NEW WAG meetings, 3 NEW subcommittee meetings, and 5 Belle WAG meetings. The SCCHD attended all 4 ABay meetings. 100% attendance record.	The SCCHD facilitated 6 NEW meetings, 3 NEW subcommittee mtgs, and 4 Belle River meetings. The SCCHD attended the 1 ABay meeting that occurred this year and facilitated an additional meeting with SCC's ABay partners. 100% attendance record.	√

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Public Participation Process	√	<u>Board Presentations</u> : Provide a presentation to elected officials and/or planning commission of the SCCBOC and SCCRC BOC.	2 presentations/yr.	The SCCHD provided presentations to the SCC board of RC, the SCC Board of Commissioners, and 9 municipal boards, 3 school district boards and 1 community college board in the NEW.	The SCCHD provided a sw permit presentation to the BOC on 2.9.11. A presentation was not provided to the RC in 2011.	√ Presentation for RC.	
	√	<u>Newsletters</u> : Send Blue Watershed News to stakeholders via email or post mail.	2 editions /yr.	Two editions of the Blue Watershed News were sent out. These were mailed/emailed to elected officials and 700+ residents across the county.	1 edition (Fall 2011) of the Blue Watershed News was sent out across the county including to 700+ elected officials, teachers, and residents who have signed up to receive the newsletter.	√	
	√	<u>Website</u> : Maintain www.stclaircountystormwater.org with current watershed information and contact info links.	Update 4xs/ yr.	The website was updated > 4 times / year. See website stats under public education activities, pg 5.		√	
	√	<u>NEW Memo</u> : Develop a Watershed Memo and distribute to municipal and school officials in the Northeastern Watersheds (NEW).	1 memo /yr.	The SCCHD worked with the NEWAG to develop and distribute a Watershed Memo to key stakeholders including governing boards, planning commission chairs and city managers.	Annual memo not provided. NEW WAG members focused limited resources on revising the PEP, IDEP and SWPPIs because of the withdraw of 2008 draft permit. They decided the memo was repetitive of info provided in the Blue watershed newsletter and its sent to the same elected officials they were targeting with the memo. They revised the PPP to not include an annual memo anymore; only the blue watershed news.	1 of 2 memos	
	√	<u>Focus Group Meetings</u> : Participate in NEW focus group mtgs	2 focus group mtgs. 2012	No activities. Planned for 2012		No actions. Revised PPP does not have focus group meetings or questionnaire because revision of the WMP is no longer required until a new permit is developed.	No longer applicable. Removed from 2011 Revised SWPPI
	√	<u>Questionnaire</u> : Develop and distribute questionnaire for revising the NEW WMP.	Develop 1 questionnaire 2012				
	√	<u>Surveys (Abay)</u> : Participate in the development and distribution of a survey/ questionnaire for the Anchor Bay (Abay) watershed.	2011 & 2012	No activities. Planned for 2011 & 2012	Heard update on surveys at last ABay mtg. Waiting to hear back from SEMCOG facilitator regarding regional PPP survey being conducted in coordination with the CRWC.	ABay surveys	

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Permit Requirement	Responsible Party	Activity & Delivery Mechanism	Key Messages (Appendix B)	Target Audience	Schedule	2010 Reporting	2011 REPORTING	Met Benchmark?
	Health Dept.					(Oct. 1, 2009 - September 30, 2010)	(Oct 1, 2010 - Sept 30, 2011)	
Public Education Plan	√	<u>Educational Materials:</u> Distribute various materials via community events and lobby displays including but not limited to brochures, magnets, stickers & posters.	1, 2, 3, 4, 5, 6, 7, 8	Public, Schools	600 pieces of material/ yr.	Septic System, Rain Garden, Beach, Watershed, LID, Healthy Lawn Care, Waterfront Care and Seven Simple Steps brochures are distributed with presentations, in the SCCHD lobby, schools, and at public events.	600+ brochures, fliers, posters, tip cards were distributed through public events, presentations, in the SCCHD lobby, schools, and through watershed meetings. Titles include: Septic System, Beach, Watershed, LID, Healthy Lawn Care, SEMCOG Seven Simple Steps, rain gardens, rain barrels. Brochures were also given to local realtor's offices, and the SC4 Wellness Expo.	√
	√	<u>Water Quality Displays:</u> Provide water-quality themed displays at public events and/or facilities upon request.				Explore Your Watershed display - 2 events for 60 days; tabletop display - 5,000 people at 2-day Earth Fair event.	Earth Fair - 2 displays for 2 days (4/15-4/16) - 5,000 people; Seven Simple Steps tabletop display at 3 municipal halls (East China, Kimball, Ira) for a total of 150 days	√
	√	<u>Newsletters:</u> Distribute information/ notices about watershed education and activities via newsletters.	1, 2, 3, 4, 5, 6, 7, 8	Public, Schools	2 editions of newsletters/ yr.	Two editions of the newsletter were distributed in fall 2009 and spring 2010 via email and postmail to 700 residents. Articles in 3 editions of the SCCHD "Healthy Herald"; articles in 5 editions of the county-wide "Community News".	1 edition (Fall 2011) of the Blue Watershed News was sent out across the county. Articles in 3 editions of the Healthy Herald; 1 article in About Town and 1 article in the Community News.	√
	√	<u>Watershed Road Signs:</u> Coordinate and install watershed road signs purchased by other permittees.	1, 2	Public, Schools	32 new signs by 2013	Ordered and coordinated the installation of 45 new watershed road signs in 2009. PHASD (10), Marysville (25), East China (4), St. Clair (6)	No new activity to report.	√
		<u>Mark Catch Basins:</u> Mark catch basins with casting "Dump No Waste, Drains to Waterway"			As construction occurs	No events took place.	No new activity to report.	√

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Public Education Plan	√	<u>Mass Media Outreach:</u> Contact Radio, TV stations, video, websites or develop press releases with watershed messages.	1, 2, 3, 4, 7, 8	Public	5 contacts with media/ year	Times Herald newspaper articles 2/3/10, 2/23/10, 3/14/10, 4/17/10, 5/17/09, 6/13/10, and 8/19/10; Blue Water Beat 4/10; WPHM radio 4/15/10, WGRT radio 6/1/10	Times Herald newspaper articles 6/12/11, 9/22/11, 6/22/11; The Voice newspaper articles 11/30/10, 4/27/11, 7/3/11; WDET 3/22/11, 4/1/11; WNFA 3/22/11; Channel 12 TV 3/31/11, 4/1/11, 9/15/11; About Town Mag 3/21/11	√
	√	<u>Website:</u> Maintain access to updated education resources via www.sccwater.org	1, 2, 3, 4, 5, 6, 7, 8	Public, Schools	1000 website hits/ year.	There were 5,613 hits to the county stormwater website.	There were 11,911 hits to the website.	√
	√	<u>Water Quality Hotline:</u> Promote and maintain a 24-hour anonymous tip line for reporting pollution problems through magnet distribution.	3	Public, Schools	report #s annually	20 messages were retrieved via county hotline re: water quality concerns and septic complaints.	40 messages were retrieved from the hotline; 20 sewage related and 20 beach related.	√
	Distribute 200 magnets/yr.				500 magnets were distributed via public events, the Health Dept counter, and public presentations.	250 magnets were distributed via public events, the SCCHD lobby, at school presentations, and watershed partners' offices.	√	
	√	<u>Public Presentations:</u> Provide presentations to public audiences on a variety of storm water topics.	1, 2, 4, 5, 6, 7, 8	Public	12 presentations/ year	12 presentations were given to 256 people on topics about rain gardens, beaches, water quality, lawn care and pollution prevention.	10 presentations were given to 270 people across the county re: water quality, pollution prevention and LID mgt techniques.	√
	√	<u>School Programs:</u> Present the Enviroscape model to teach 3rd - 12th grade students about P2.	1, 2, 4, 5	Residents, students, schools, youth clubs	12 presentations/ yr.	55 presentations were given at 18 schools to 1,217 students. Magnets, stickers and/or booklets were distributed to the students.	37 presentations were given at 15 schools to 853 students. Magnets, stickers and/or booklets were distributed to the students.	√
	√	<u>Public Events:</u> Participate and/or promote county-wide events such as Earth Fair, River Day, Native Plant Sale, Stream Leaders, HHW Collection Day, Adopt-A-Road, and Adopt-A-Stream	1, 2, 3, 4, 5, 6, 7, 8	Public, schools, students	2 events/ yr.	Earth Fair - April 16 & 17; River Day - June 10; Rain Barrel Sale - Summer 2010; Native Plant Sale - June 10; Stream Leaders - May 1 & Sept 25 HHW Collection Day - June 10	Earth Fair - April 15 & 16; River Day - June 11; Stream Leaders - May 7 & Sept 24; Stream Leaders Training Workshop 5/4; Friends of the St. Clair River Watershed volunteer event - March 10	√

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Illicit Discharge Elimination Program	√	<u>Regulatory Method</u> : Provide a policy to prohibit illicit discharges and procedure for notifications, tracking, and enforcement.	09/01/2011	The SCCHD amended the SCC Environmental Health Code in 2002 specifically to provide enforcement policy for failing septic systems. Its procedures for tracking, enforcement and notification of failing septic systems was developed during the last permit cycle. The SCCHD continues to lead IDEP efforts for the SCCDO and SCCRC.		√ COMPLETE
	√	<u>Map of Discharges</u> : Revised maps and list of SCC's discharge points is included in SCC's IDEP and should be considered the most accurate list of SCC MS4 discharge points to date. The SCCHD will map discharge points on county properties by the second progress report; 2013.	SCCRC and SCCDO complete. County properties by 09/01/2013	No activities. The SCCHD is planning to GPS remaining county property discharge points that were not provided with the permit application.	Additional county property discharge points were not mapped this year, but ABay discharge points were screened and the # of SCCRC discharge points in the ABay watershed was reduced from 28 to 12. The # of DO discharge points in ABay was increased from 22 points to 23 points. See screening results attachment for a list of these discharge points. once all the discharge points are screened in the county, new maps will be developed.	Map of discharge pts (county properties)
	√	<u>Screening</u> Perform dry weather screening (as defined and prioritized in the SCC's IDEP) at MS4 discharge points.	As defined in the IDEP	No screening activities in 2010. Plan to survey road ditches and ABay discharge points in 2011.	The RC and DO discharge points in the ABay watershed were screened. Results are attached to this report. Only 4 OSDS failure were identified. Discharge points in the Black, Pine and Lake Huron DD watersheds is planned for 2012. Sanitarians also performed windshield screening surveys of road ditches in Grant, Greenwood, Mussey, Emmet, Casco, Ira, China, and Cottreville Townships. Illicit discharges found are part of the total number of identified discharges to date: 53	√
	√	<u>Notify Partners (w/i 1 month)</u> : Notify the DO, RC, HD, BOM, and/or PARC as applicable when illicit discharges are detected during screening.	As illicit discharges are detected	Depts are notified when the discharge is not an OSDS. No discharges of this type in 2010.	The SCCHD provided the results of screening to SCC's ABay partners during the TMDL project. The SCCHD also notified the DO of 3 discharge points where follow up is needed in 2012: the Hammer, Crocker and Clippert Drains.	√

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Illicit Discharge Elimination Program	√	<u>Confirm Source (w/i 13 months of detection)</u> : Locate/confirm source of illicit discharges detected during screening through additional sampling, dye testing, video, and/or smoke testing.	within 13 months of detection.	No screening activities in 2010 so no sources to confirm.	Confirmation of OSDS failures suspected during road ditch surveys was performed by Sanitarians. Follow up work was also conducted in ABay to confirm OSDS failures found during the ABay TMDL grant project.	√
	√	<u>Procedure for Elimination</u> : Develop procedures and tracking system for eliminating illicit discharge and pursuing enforcement action, including responding to spills and emergencies.	09/01/2011	The SCCHD finalized its IDEP procedures for notifications, tracking and enforcement in 2002.		√ COMPLETE
	√	<u>Correct illicit discharges</u> : Correct illicit discharges in a timely manner.	As illicit discharges are found	Notification to outstanding failures:32 letters from corporation counsel sent out. All 32 have either been corrected or have a valid extension until 2011. 23 corrections performed. 62 failures have been identified but are uncorrected.	10 corrections; 53 uncorrected. Please see report attached for status update of uncorrected failures.	Keep on top of outstanding OSDS failures.
	√	<u>IDEP Training</u> : Develop program to train staff involved in IDEP or field staff with potential for witnessing illicit discharges	1x/5 yrs; new employees 1st yr.	No training this past year. Collaborating with SEMCOG to provide training in 2011.	4 HD staff attended the Mar 2011 Training sponsored by SEMCOG and the HD. IDEP topics were covered during this training.	√

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Post Construction Controls	N/A	<u>Post Construction Storm Water Policy:</u>	N/A	N/A. Post Construction policy for SCC is determined by the SCCRC and SCCDO.		N/A
	N/A	<u>BMP Tracking:</u> Develop a tracking table of BMPs and inspections for compliance with post construction standards. Conduct inspections on BMPs and ensure they are maintained.	N/A	N/A. BMP tracking for SCC is done by the SCCRC and SCCDO.		N/A
Construction Controls	√	<u>Notification Procedure:</u> Procedure to receive and consider complaints from the public regarding sediment or other pollutants being discharged from construction activity in violation of Part 91 and a procedure to notify the SCCHD and DNRE as appropriate.	09/01/2011	SESC complaints are regularly received from the public and county agencies. All complaints are logged and followed up by sanitarians.		√
	N/A	<u>Site Plan Review:</u> Require a SESC permit of developments and redevelopments applicable to this permit during the site plan review process. The DO and RC are Authorized Public Agencies and implement SESC on their own projects.	Complete	N/A. The SCCHD administers the SESC program.		N/A
	√	<u>Implement SESC Program:</u> Implement a Soil Erosion and Sediment Control program across SCC to meet the requirements of Part 91 of the Michigan Act	Ongoing; report #s annually and pass/fail status every 5 yrs.	184 SESC permits issued across SCC. Last DNRE Audit 2008: Pass.	163 SESC permits issued across SCC. 57 code enforcements. Last DNRE Audit 2008: Pass.	√

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Pollution Prevention (P2) & Good Housekeeping	Employee /Contractor Training					
	√	<u>Employee Training:</u> Conduct training for staff associated with potential storm water pollutant sources on the following topics as applicable: 1) park and open space maintenance; 2) fleet and building maintenance; 3) New construction and land disturbances, 4) storm water system maintenance; and 5) any other storm water pollution prevention topics such as salting and spill response.	1x/ 5yrs; new employees 1x/ 1st yr	2 storm water staff attended workshops and regularly attended regional meetings in both 2010 and 2011. These meetings and workshops provided information on a variety of storm water management topics including those listed for this BMP. The HD staff also facilitated the Mar 2011 Municipal Training Workshop with SEMCOG. Record of meetings and workshop attendance on file.		√
	N/A	<u>Contractor Training:</u> Develop specifications that require training of contractors on topics 1) - 5) mentioned above as applicable to project.	9/1/2011	The HD does not contract out any of these services but plans to assist county depts. with contract/ bid language to use in 2012		Contractor training
	Structural Storm Water Control Effectiveness					
	√	<u>Structural SW Control Summary:</u> A summary of all municipal properties and structural storm water controls owned or operated, and maintained by SCC has been included as Appendix D. This list will be refined and resubmitted with the first progress report on 9/1/2011.	9/1/2011.	The HD helped county agencies develop a SW Structural Control summary in 2010.	NO actions. Revised SWPPI removes these tasks because they are not required under the 2003 permit.	No longer required. Removed from the Revised 2011 SWPPI.
	√	<u>Structural Storm Water Maintenance:</u> The list of municipal properties and structural storm water controls attached as Appendix D, includes an inspection and maintenance schedule and will be refined and resubmitted with its first progress report on 9/1/2011		The SW Structural Control Summary includes an inspection and maintenance schedule.		
	√	<u>Update Summary:</u> The summary of municipal properties, structural storm water controls, and maintenance and inspection schedules will be updated with each progress report.	09/01/11 & 9/1/2013	HD staff provided summaries to all the county agencies which were reviewed by dept's. No new additions to the summary.		

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Pollution Prevention & Good Housekeeping	Structural Storm Water Control Effectiveness continued					
	√	<u>TSS Load Reduction Calculation</u> : Calculate load reductions	9/1/2011 & 9/1/2013	No activities. Plan to do in 2011	No longer required under the 2003 permit.	No longer required. Removed from the Revised 2011 SWPPI.
	√	<u>Disposal Procedure</u> : Develop procedures to dispose of operation and maintenance waste in accordance with Part 111, Part 115 and Part 121.	09/01/2011	The HD helped PARC and BOD update their disposal procedures when the SWPPPs were developed in 2010. Plans to conduct a training workshop on disposal procedures in 2012.		√
	Roadway, Parking Lots and Bridges					
	N/A	<u>Inspect and Clean Street Catch Basins</u>	Clean 20% catch basins/ yr.	N/A. The HD does not do any street sweeping or catch basin cleaning - under jurisdiction of other county depts.	N/A	
		<u>Inspect and Clean Parking Lot Catch Basins</u> : Inspect 20% of catch basins/ yr. and clean as needed.	~20%/ yr.			
		<u>Sweep Streets</u> : Sweep streets within jurisdiction. The RC will sweep MDOT roads 4x/yr., primary roads 3x/yr., and local roads 2x/yr.	MDOT 4x/yr. Primary 3x/yr. Local 2x/yr.			
<u>Sweep Parking Lots</u> : Sweep parking lots and access drives within jurisdiction. Parking lots will be inspected and swept as needed.		inspect 1x/yr; sweep as needed				

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Pollution Prevention & Good Housekeeping	Roadway, Parking Lots and Bridges continued					
	N/A	<u>Snow Removal and Disposal</u>	N/A	N/A Snow Removal, Stabilization, Salt storage, Dust Control and Cole Tar Emulsion Sealing are not normal activities of the HD. The HD does assist local municipalities to develop grants such as the Marysville Cuttle Creek project which will stabilize and restore shoreline.		N/A
		<u>Stabilize Erosion (Road ROW):</u> Clean out drains and stabilize erosion along road ways and/or bridges				
		<u>Stabilize Erosion (open waterways/ drains):</u> Stabilize banks of open drains or natural waterways.				
		<u>Salt and Sand Storage/ Application:</u> Salt and salt/sand mixtures are stored in a covered facility and employees receive salting application education.				
		<u>Dust Control BMPS:</u> Implement BMPs to control dust and suspended solids in runoff from unpaved roads and parking lots as requested from various municipalities.				
		<u>Cole Tar Emulsions:</u> Develop policy to not use coal tar emulsions for sealing asphalt surfaces				
Fleet Maintenance and Storage Yards						
N/A	<u>Storm Water Pollution Prevention Plans (SWPPPs):</u> A SWPPP was developed for PARC's Goodells County Park and 4 SWPPP/PIPPs were developed for the RC's St. Clair Warehouse & Central Operations Center and its warehouses in Marine City, Avoca, and Capac. The SWPPP and SWPPP/PIPPs are attached as Appendix E.	09/01/2010	The HD helped the RC and nested jurisdictions develop its SWPPP/PIPPs. The HD will continue to assist the RC by conducting annual inspections and reviews. The HD does not have any facilities itself that require a SWPPP or PIPP.	N/A		

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Pollution Prevention & Good Housekeeping	Fleet Maintenance and Storage Yards continued						
	√	<u>Certified Storm Water Operator:</u> The SCCHD storm water coordinator, the supervisor of BOM and 3 SCCDO staff are currently certified as storm water operators. Managers who oversee the fleet maintenance and storage yards at PARC and RC will be certified as a Storm Water Operator in 2010.	1x certification; renewal/ 5 yrs.	5 HD staff are certified: Kristen Jurs #09954 , S. Faust #10006 , M. Malcolm #09984, S. Demick #10090, K. Shin #10106, R. Habalewsky #10093 - All exp 2014.		√ COMPLETE	
	√	<u>SWPPP Inspections and Activities:</u> Maintain a log of all inspections, BMPs and training activities, and annual review and/or revisions	monthly, 6 month and annual inspections	The HD will continue to assist the RC and PARC by conducting annual inspections and reviews.	No activities. Plans to reinspect RC warehouses and perform their annual review in late 2011.		√ Annual SWPPP reports for RC and PARC.
	N/A	<u>Fleet Maintenance Activities:</u> Maintain vehicles and equipment for clean and effective operation to prevent impacts on storm water quality.	N/A	These activities do not apply to the HD. Dumpsters are inspected and regularly cleaned up by BOD staff.			N/A
		<u>Fleet and Equipment Washing:</u> Wash vehicles and equipment at facilities where grey water is treated. SCC pool vehicles and some PARC vehicles are washed off site at a commercial facility. RC and PARC trucks, vehicles, and equipment are washed at facilities as described in the SWPPP/ PIPPs.					
	<u>Refuse BMPs:</u> Inspect dumpster(s) for leaks and clean up loose refuse found around dumpsters.						
	<u>Oil/ Water Separator:</u> Clean out and dispose of waste. Currently there is only one oil water separator at the RC's Central Service Center.						
	<u>Spill Response:</u> Provide spill response materials and training at each fleet maintenance and storage yard facility with a SWPPP or SWPPP/ PIPP.						

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Pollution Prevention and Good Housekeeping	Manage Vegetative Properties					
	N/A	<u>Staff Training</u> : Educate municipal staff on the proper storage, handling and use of pesticides, herbicides and fertilizers	1x/5 yrs; new staff 1st yr	The HD does not perform pesticide/ herbicide or fertilizer applications.		N/A
	2011	<u>Contractor Training</u> : Require contractors to be properly trained on the proper storage, handling and use of pesticides, herbicides and fertilizers	Specifications by 9/1/2011	The HD does not hire contractors for these services.		2011
		<u>Fertilization</u> : A soil test will be performed once every four years prior to application to determine the amount and rate it can be applied, if at all. Develop policy that soil tests must be conducted prior to potential phosphorous applications. Provide employee education.	Soil test 1x/ 4 yrs and 1 SOP for fertilization by 9.1.2011	The HD does not perform fertilization activities.		
<u>Vegetation Management BMPs</u> : Mow to a height of above 3" and mulch all clippings. Develop Vegetative Management policy that states the BMPs that will be implemented in SCC landscaping activities.	Policy by 9/1/2011	The HD does not perform mowing.				

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2010 Volunteer Watershed Activities
<u>St. Clair County Health Department</u>
• SCCHD reviewed 6 clearinghouse reviews from SEMCOG re water quality grants/ projects & provided comments.
• SCCHD continued to participate on the St. Clair River Area of Concern Binational Public Advisory Council.
• SCCHD continued to attend SEMCOG Partners for Clean Water Regional Education group meetings.
• SCCHD continued to participate on the board of the Friends of the St. Clair River Watershed.
• The SCCHD continues to attend the SEMCOG facilitated Macomb/ St. Clair Intercounty Watershed Advisory Group meetings to coordinate regional initiatives.
• The SCCHD applied for a grant from the GLRB to stabilize and provide a demonstration of bioengineering on a large bank in the Lake Huron Direct Drainage Subwatershed. It was not granted.
• The SCCHD applied for a grant through the MDNRE and GLRI funding to increase E.colli monitoring and implement IDEP and BMP activities in the Pine, Lake Huron and St. Clair River. The grant proposal was funded at ~\$142,850
• The SCCHD partnered on another GLRI grant application filed by the SC4. This application was to build a rain garden at the Health Dept and the college. This proposal was not funded.
• The SCCHD partnered with the MC Planning and Economic Development and the SCC Metropolitan Planning Commission to implement a grant to improve mapping of natural features in SCC.
• HD staff were instrumental in encouraging the county to build its first bioswale rain garden at the New Day Treatment Night Watch building.
2011 Volunteer Watershed Activities
• SCCHD continued to participate on the St. Clair River Area of Concern Binational Public Advisory Council.
• SCCHD continued to participate on the board of the Friends of the St. Clair River Watershed.
• SCCHD continued to attend SEMCOG Partners for Clean Water Regional Education group meetings.
• SCCHD applied for a was awarded a grant to develop a Belle River Watershed Management Plan. the grant is slated to begin Jan 1, 2012.
• SCCHD began implementation of the GLRI Beach grant which was awarded in 2010. Activities included additional E.coli monitoring, additional sanitary surveys, and goose management control at Chrysler Beach.
• SCCHD staff worked with Master Gardener volunteers to provide numerous hours on maintenance of the Day Treatment Night Watch's bioswale rain garden.
• SCCHD staff began working with a group called the "IDEP regional workgroup" which involves counties and consultants from across SE Michigan sharing their experiences on IDEP related issues.
• SCCHD continued to lead Stream Leaders, a volunteer-driven stream monitoring activity occurring every May and September. Lab days are also held in conjunction with this event. Results are shared watershed-wide.
• Michigan State University Extension reached over 140 residents through 15 environmental educational presentations including 4 Scout groups, 7 library programs, and 3 developmentally-delayed groups.
• Michigan State University Extension coordinated their Adopt-A-Stream program of which more than 100 young people took part in 10 stream sites, participating in river cleanups and chemistry monitoring.