

SWPPI PROGRESS REPORT
CITY OF MARYSVILLE
October 1, 2009 - September 30, 2010

Permit Requirement	Responsible Party(s)		Schedule	2010 Reporting	2011 REPORTING	Met Benchmark?	
	Marysville	SCC		(Oct. 1, 2009 - September 30, 2010)	(Oct 1, 2010 - Sept 30, 2011)		
TMDLs	N/A	N/A	No Ecoli or Phosphorous TMDLs were developed in the NEW at the time of permit application.	N/A	N/A	N/A	
Public Participation Plan	√	√	<u>Watershed Meetings</u> : Participate in watershed advisory group and subcommittee meetings	6 NEW WAG mtgs/ yr.	Marysville representative attended 5 of 6 WAG mtgs (83%) and 0 subcommittee mtgs.	A Marysville representative attended 4 out of 6 (67%) of NEW WAG meetings. Between the two years, Marysville had 75% attendance which meets the benchmark.	√
	√	√	<u>Board Presentations</u> : Provide a presentation to elected officials and/or planning commission	1 presentation/yr.	The SCCHD presented to the Marysville City Council on 8.23.10.	Presentation was not provided; NEW WAG members focused limited resources on revising the PEP, IDEP and SWPPIs because of the withdraw of 2008 draft permit. A presentation will be provided to the board and/or staff by watershed rep in early 2012	1 of 2 presentations
	√	√	<u>Newsletters</u> : Send Blue Watershed News to stakeholders via email or post mail.	2 editions /yr.	See Blue Watershed News stats under Public Education.	See Blue Watershed News stats under Public Education activities.	√
	√	√	<u>Website</u> : Maintain www.stclaircountystormwater.org with current watershed information and contact info, and provide links from municipal and educational institution websites.	Post by 2011	No activity. Marysville will add a link to the county's stormwater website in 2011.	A link to SCC's storm water website was placed on Marysville's home page under the tab Watershed Management Plan in Feb 2011.	√
				Update 4xs/yr.	Please see website stats on p. 2, public education activities.	Please see website stats on p. 2, public education activities.	√
	√	√	<u>Northeastern Watersheds Memo</u> : Develop a Watershed Memo and distribute to municipal and school officials	1 memo /yr.	A memo was developed by the WAG and distributed to the Mayor, council members, the city manager and the chair of the planning commission.	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 actions	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.	N/A Removed from revised SWPPI
√	√	<u>Questionnaire</u> : Develop and distribute questionnaire for revising the NEW WMP.	1 questionnaire by 2012	No actions			

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	Marysville	SCC					(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 i.e. brochures, magnets, stickers &	1, 2, 3, 4, 5, 6, 7, 8	Residents, visitors, public employees, businesses, students, industries, construction contractors, developers	30 pieces of material/ yr.	Approximately 30+ pieces of educational materials were distributed via the DPW lobby, city lobby, goal setting session, Pack 246 Tiger Cubs and 1 Brownie troop (19 children & 14 adults)	Ongoing distribution of more than 30 brochures from the DPW, City Hall and Library. Magnets are also distributed from the DPW.	√
	√	√	<u>Water Quality Displays:</u> Provide water-quality displays at public events and/or facilities.				1x/ 5 yrs.	No activities.	No activities.
	√	√	<u>Newsletters:</u> Distribute information/notices about watershed education and activities via newsletters.	1, 2, 3, 4, 5, 6, 7, 8	Teachers, elected officials, residents, consultants, visitors, public employees	1 newsletter/ yr.	SW education message in Marysville's April 2010 newsletter distributed to 2,000+ residents. Info about watershed road signs and city and county phone #s for pollution reporting.	Storm Water education, rain barrels, and information about the GLRI grant in Marysville an article in April 2011 newsletter mailed to 2000+ residents.	√
	√	√				2 editions of Blue Watershed News/ yr.	2 editions of the Blue Watershed News were sent out across the county including to the Marysville City council members and residents who have signed up to receive the newsletter.	1 edition (Fall 2011) of the Blue Watershed News were sent out across the county including to the Marysville City council members and residents who have signed up to receive the newsletter.	√
	√	√	<u>Watershed Road Signs:</u> Install and maintain watershed road signs	1	All audiences	2 new signs by 2013	Installed 25 new watershed road signs in 2009.	No new signs added. Maintained current signs that were vandalized.	√
√	√	<u>Mass Media Outreach:</u> Radio, TV stations, video, websites or press releases	1, 2, 3, 4, 7, 8	Residents, visitors, public employees, businesses, industries, teachers	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	√	

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	Marysville	SCC					(Oct. 1, 2009 - September 30, 2010)	(Oct 1, 2010 - Sept 30, 2011)	
Public Education Plan	√	√	<u>Website</u> : Maintain access to updated education information via SCC's and municipality's website.	1, 2, 3, 4, 5, 6, 7, 8	Schools, students, teachers, residents, visitors, public employees, businesses, industries, construction contractors, developers	2011	No activity. Marysville will add a link to the county's stormwater website in 2011.	A link to SCC's storm water website was placed on Marysville's home page under the tab Watershed Management Plan in Feb 2011.	√
						Updates 4x/yr.	There were 5,613 hits to the SCC 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	3		report #s annually	20 messages 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 20 magnets/yr.	Approximately 20+ magnets were distributed at the DPW lobby, City hall and to cub scouts and brownie troops.	20+ magnets distributed to children and the public via DPW staff.	√
	√	√	<u>Water Quality presentations</u> : Provide presentations to a wide array of community audiences	1, 2, 4, 5, 6, 7, 8		2 presentation s/ yr.	Marysville City Rotary (10/6/09) to 40pp, Washington Elementary (1/19/10) to 67 students, also cub scouts and brownie troop presentations given by city personnel.	10 presentations were given to 270 people across the county re: water quality, pollution prevention and LID techniques. Pollution Solutions program given at Washington Elementary school (1/20/11) to 75 students.	√
√	√	<u>Public Events</u> : Participate and/or promote county-wide events (i.e. Earth Fair, River Day, Native Plant Sale, Stream Leaders, HHW Waste Collection Day, Adopt-A-Road, Adopt-A-Stream)	1, 2, 3, 4, 5, 6, 7, 8	Residents, visitors, youth clubs, teachers, businesses, industries, volunteer groups	Promote and/or participate in county-wide Public Events.	Marysville promoted River Day, Earth Fair, Stream Leaders, Rain Barrel Sales, Adopt a Road, and rechargeable battery and cell phone recycling through posters at city hall.	Fliers promoting events were posted and distributed at City Hall and the DPW. A poster is also at the DPW promoting rechargeable battery and cell phone recycling through posters at city hall.	√	

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Illicit Discharge Elimination Program	√	<u>Regulatory Method</u> : Provide ordinance to prohibit illicit discharges and procedures for notifications, tracking, and enforcement.	09/01/2011	City ordinance prohibits illicit discharges. WWTP samples specific locations to check for illicit discharges.	Copy of Ordinance language on file.	√ COMPLETE
	√	<u>Map of Discharges</u> : Complete. Map of MS4 discharge points and the names and locations of surface waters receiving these discharges is included in SCC's IDEP of which Marysville is a partner.	2010	Complete and submitted to the MDRNE in 2010 as part of the county-wide IDEP plan.	Complete and submitted to the MDEQ in 2011 Revised county-wide IDEP plan.	√ COMPLETE
	√	<u>Screening</u> : Screening and prioritization of discharge points is defined in SCC's IDEP of which Marysville is a partner. Each discharge point will be screened 1x by 2013.	2013	No activities. Plans to screen discharges with SCCHD in 2011.	Screening will occur in the late fall of 2011 or spring of 2012.	Screening 2011/ 2012
	√	<u>Notify Partners (w/i 1 month)</u> : Notify the HD when illicit discharges are detected during screening.	As illicit discharges are detected		No problems to report. Revised SWPPI does not include this action.	√
	√	<u>Confirm Source</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.		follow up source confirmation will be initiated if screening results show potential problems.	√
	√	<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	2011	Procedure for elimination is part of SCC's 2011 Revised IDEP of which Marine City is a partner.	√

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IDEP	√	<u>Correct illicit discharges</u>	As illicit discharges are found	No activities. Will correct illicit discharges if found during screening.	Millions of dollars currently being spent to upgrade sanitary sewer system.	√
	√	<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.	Plan to send staff to SCCHD/ SEMCOG training in	2 DPW staff attended April 2011 Training sponsored by SEMCOG and SCCHD. IDEP activities were covered.	√
Post Construction Controls	√	<u>Post Construction Storm Water Policy</u> : provide engineering standards that meet the following requirements for all new and redevelopment projects applicable under this permit: 1) A minimum treatment volume standard; 2) a channel protection criteria; 3) Operation and maintenance requirements; 4) site plans which incorporate these requirements.	Complete; maintain records annually	Record of new construction plan review and enforcement of post construction engineering standards is maintained at the City engineer's office.	Marysville submitted its own engineering standards as its post construction policy with its 2008 permit application. 2 plans were reviewed this past year: Marysvile WWTP upgrades and Gratiot Road reconstruction.	√
	√	<u>BMP Tracking</u> : The maintenance of all structural and vegetative BMPs, installed after 8/01/09 to meet post construction policy requirements of Marysville will be tracked and enforced. A list of these BMPs has been included as Appendix C.	Inspect BMPs 1x/5 yrs.	The city currently is not aware of post construction BMPs and none were added in 2010.	No actions. Revised SWPPI eliminates this task.	Removed from Revised SWPPI

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Construction Controls	√	√	<u>Notification Procedure</u> : Develop 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 notify the SCCHD and DNRE as appropriate.	Procedure by 9/1/2011	No activities	No actions. Revised SWPPI eliminates this task.	Removed from Revised SWPPI
	Complete		<u>Site Plan Review</u> : Requirements to obtain a SESC permit is part of the site plan review process.	Complete	The City of Marysville requires SESC permits be obtained by the county as part of its storm water review.	The City of Marysville requires SESC permits be obtained by the county as part of its storm water review.	√
	N/A	√	<u>Implement SESC Program</u> : The SCCHD implements a Soil Erosion and Sediment Control program to meet the requirements of Part 91 of the Michigan Act on behalf of the municipality. The SCCHD will maintain record of the # of permits/ year and the last SESC audit and pass/ fail status.	N/A	The SCCHD will provide the # of SESC permits issued and the most recent audit status in its own SWPPI progress report. .		N/A
Pollution Prevention & 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.	DVD shown to DPW staff in 2009. Working on getting DVD to show to 1 new employee.	2 DPW staff attended training in April 2011 sponsored by SEMCOG and the SCCHD that provided presentations and hand out materials on all of the topics mentioned under employee training.	√
	√		<u>Contractor Training</u> : Develop specifications that require training of contractors on topics 1) - 5) mentioned above as applicable to project.	9/1/2011	No activities. Will adopt contractor training requirements when SCCHD provides language.	No actions. Revised SWPPI replaces this task with an activity that only requires municipalities to provide information packets to contractors regarding storm water requirements applicable to their work.	contractor training

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Pollution Prevention & Good Housekeeping	Structural Storm Water Control Effectiveness						
	√		<u>Structural SW Control Summary</u> : A summary of all municipal properties has been included as Appendix D. Structural storm water controls owned or operated, and maintained by the municipality will be added to this list and resubmitted with the first progress report on 9/1/2011.	09/01/2011	Summary reviewed as part of annual reporting. No additions at this time.	NO actions. Revised SWPPI removed these tasks because	N/A Removed from Revised SWPPI
	√		<u>Structural Storm Water Maintenance</u> : The list of municipal properties attached as Appendix D, includes a place marker for inspection and maintenance schedules. These schedules will be identified with structures and resubmitted with its first progress report on 9/1/2011				
	√		<u>Update Summary</u> : update summary of municipal property MS4 and structural storm water controls as necessary.	09/01/2013			
	√		<u>TSS Load Reduction Calculation</u> : Calculate load reductions for all impervious surfaces	9/1/2011 and 9/1/2013	No activities		
√		<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	Many of Marysville's disposal procedures have been updated and documented when developing their SWPPP. Next training topic for SEMCOG 2012 Training will be disposal practices. When more information is received it will be adopted.		√	

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Pollution Prevention & Good Housekeeping	Roadway, Parking Lots and Bridges						
	√		<u>Inspect and Clean Street Catch Basins</u>	~20% catch basins/ yr.	28 cubic yards debris dried out on a tarp and disposed of at the landfill.	Cleaned 3 major street. 10 yrds of debris dried on tarp and disposed of by landfill.	√
	√		<u>Inspect and Clean Parking Lot Catch Basins</u>	Inspect prkng lot cb's 1x/yr.; clean as needed	3 cubic yards of debris dried on tarp and disposed of at landfill.	Staff changed out two fabric filters in catch basins at the operations maintenance yard. They also changed out filters in two in ground catch basin structures. 2 cubic yards of debris, cleaned out, dried and disposed at the landfill.	√
	√		<u>Sweep Streets</u> : Sweep streets within jurisdiction	4xs/yr	27 cubic yards debris disposed of how?	Swept streets 4xs. 15 cubic yards dried and disposed of at landfill.	√
	√		<u>Sweep Parking Lots</u> : Sweep parking lots and access drives within jurisdiction	Inspect annually; sweep as needed	parking lots hand swept into piles and disposed of in dumpster.	Staff used a power broom to remove aggregate, sand and dirt in all municipal parking lots. DPW yard. All gravel, stone, topsoil and sand were put into bins for recycled use.	√
	√		<u>Snow Removal and Disposal</u> : The following BMPs will be implemented in municipal parking and access roads: 1) Pile snow on grassy areas; not over catch basins or near waterways; 2) Remove sediment and debris from site after spring thaw and reseed as necessary.	Annually	Snow removal BMPs followed and snow has designated disposal areas.	Snow removal BMPs followed and snow has designated disposal areas.	√
	√	√	<u>Stabilize Erosion (Road ROW)</u> : Stabilize erosion along road ways and/or bridges	As need & funding dictates	For the last two years the city has been planning to restore the last 1500 feet of Cuttle creek and address fish blockage by the perched base of the bridge over the creek. In 2011, staff cleared Cuttle creek bridge area of debris, invasive plants and leaves.		√
	√	√	<u>Stabilize Erosion (open waterways)</u> : Work with the state to stabilize banks of the waters of the state within jurisdiction.		IN 2010, Maryville spent many resources and time to develop a 2 phased grant proposal to restore the shoreline along the St. Clair River and last 1500 feet of Cuttle Creek. They were awarded a grant for phase I in 2011. They hope to start construction spring 2012.		√

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Pollution Prevention & Good Housekeeping	√		<u>Salt and Sand Storage/ Application</u> : Salt and salt/sand mixtures are stored in a covered facility and employees receive salting application education.	Ongoing	Salt is covered. SEMCOG Winter Maintenance Workshop attended by 5 staff.	4 employees attended the SEMCOG winter maintenance workshop in the winter of 2011. Salt is covered. Salt training application at DPW. 2 employees attended winter driving tips and operation for snow and ice.	√	
	N/A		<u>Dust Control BMPS</u> : Marysville has one small dirt road with little traffic. Dust control is not a problem.	N/A	Marysville has no dirt roads or dirt parking lots that present a dust control problem.		N/A	
	√		<u>Cole Tar Emulsions</u> : Develop policy to not use coal tar emulsions for sealing asphalt surfaces	09/01/2011	The DNRE said it will not enforce this requirement of the permit. Waiting for DNRE guidance on alternatives.	Revised SWPPI removed this task	Revised SWPPI removed this task	
	Fleet Maintenance and Storage Yards							
	Complete		<u>Storm Water Pollution Prevention Plan (SWPPP)</u> : Develop a SWPPP/PIPP for Marysville DPW.	2010	Marysville developed a SWPPP/ PIPP with SEMCOG's assistance in 2010 and submitted to the DNRE as part of the SWPPI.	Marysville developed a SWPPP/ PIPP with SEMCOG's assistance in 2010 and submitted to the DNRE as part of the SWPPI.	√ COMPLETE	
	Complete		<u>Certified Storm Water Operator</u> : The manager who oversees the fleet maintenance and storage yards is currently certified as a Storm Water Operator.	1x certification; renewal/ 5 yrs.	2 employees currently maintain certification. Barry Kreiner cert. # 10100 exp 2014. Kraig Hohf Cert # 10094 exp 2014	2 employees still maintain certification. Brian Wilson obtained certification this year. Cert # 11318 exp 2016.	√	
	√		<u>SWPPP Inspections and Activities</u> : Maintain a log of all inspections, BMPs and training activities, and annual review and/or revisions	As Identified in the SWPPP	Inspections are being completed and records are kept with SWPPP/ PIPP.	Inspections are being completed and records are kept with SWPPP/ PIPP.	√	
	√		<u>Fleet Maintenance Activities</u> : Maintain vehicles and equipment for clean and effective operation to prevent impacts on storm water quality.	ongoing	Mechanics keep maintenance logs.	Mechanics keep maintenance logs.	√	

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P2 & Good Housekeeping	√	<u>Fleet and Equipment Washing</u> : Wash vehicles and equipment at facilities where runoff is treated.	ongoing	All vehicles are washed indoors at the DPW where wash water goes to the sanitary.	All vehicles are washed indoors at the DPW where wash water goes to the sanitary.	√	
	√	<u>Refuse BMPs</u> : Inspect dumpster(s) for leaks and clean up loose refuse found around dumpsters.	monthly	New dumpster purchased in 2010. Inspections completed monthly as part of SWPPP/ PIPP.	Revised SWPPI removed this task because it is already part of SWPPPs and inspection and clean up are done on a weekly basis by maintenance.	Revised SWPPI removed this task	
	√	<u>Oil/ Water Separator</u> : inspect and clean out and dispose of waste as needed	Inspect 1x/yr. Clean as needed	Clean out of 5 interior drains with oil/water separators that are connected to the sanitary. Will be cleaned out in 2011.	Interior drains cleaned.. < than a 5 gallon bucket of debris. Debris was dried on tarp and disposed of in dumpster.	√	
	√	<u>Spill Response</u> : Fire Station staff have spill responder training. DPW staff will also be trained by 2011.	Maintain certification; 2011	Fire station staff maintained spill responder training.	Fire station staff maintained spill responder training.	√	
	Manage Vegetative Properties						
	√	<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	No activities.	2 DPW staff attended April 2011 training sponsored by SEMCOG and SCCHD. Fertilization, pesticide/ herbicide and moving practices were covered in this training. 4 DPW staff also attended SEMCOG's winter maintenance training.	√	
	N/A	<u>Contractor Training</u> : Marysville does not contract out any landscaping services.	N/A	Did not contract out any landscaping services in 2010.	Did not contract out any landscaping services in 2011.	√	
	√	<u>Fertilization</u> : No phosphorous is applied to municipal properties. Develop policy stating no phosphorous fertilizer is to be used on municipal properties.	Implementation ongoing; Policy by 09/01/2011	No phosphorous is applied to municipal properties.		√	
	√	<u>Vegetation Management BMPs</u> : Mow > 3" and mulch all clippings. Develop policy for vegetation management BMPs.	Policy by 09/01/2011	All areas maintained are cut at 4" and mulched. Formal policy in 2011.	All areas maintained are cut at 4" and mulched.	√	

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Voluntary Watershed Actions					
Voluntary	Describe any water quality related initiatives undertaken that has not already been discussed.	N/A - Voluntary	<ul style="list-style-type: none"> ◆ Enormous resources being spent on upgrading the sanitary system. 	<ul style="list-style-type: none"> ◆ Staff spent a great deal of time developing a contract for the GLRI grant and coordinating the permitting phase of the project. 	N/A - Voluntary
			<ul style="list-style-type: none"> ◆ Staff spent time developing a grant proposal for Cuttle Creek and the St. Clair River shoreline. 	<ul style="list-style-type: none"> ◆ Staff worked with the SCCHD on a beach grant to improve the goose waste conditions at Chrysler Beach. The City bought 4 coyote decoys, installed them attached to cinder blocks on the beach, and moved them weekly. Worked with SCCHD and contractor to round up geese from the golf course and beach. 	
				<ul style="list-style-type: none"> ◆ Cleaned out cattails, cement and debris in parts of the St. Clair Drain. 	
				<ul style="list-style-type: none"> ◆ 2 employees attended the Michigan Watershed Summit hosted by MWEA 	
				<ul style="list-style-type: none"> ◆ an extra employee obtained storm water operator certification. 	