

SWPPI Progress Report
CITY OF PORT HURON
October 1, 2009 - September 30, 2011

Permit Requirement	Responsible Party(s)		Best Management Practice	Schedule	2010 Reporting	2011 REPORTING	Met Benchmark?
	Port Huron	SCC			(Oct. 1, 2009 - September 30, 2010)	(Oct 1, 2010 - Sept 30, 2011)	
TMDLs	N/A		No Ecoli or Phosphorous TMDLs were developed in the NEW at the time of permit application.	N/A	N/A	N/A	N/A
Public Participation Plan (PPP)	√	√	<u>Watershed Meetings</u> : Participate in watershed advisory group and subcommittee meetings	6 NEW WAG mtgs/yr.	City PH attended 5 of 6 WAG mtgs (83%) and 3 of 3 (100%) of subcomm. mtgs. Additional watershed meetings: 6/9/10 - Michigan Statewide Public Advisory Council Spring Business meeting – 1 staff , 6/8/10 - SC River Dinner Cruise and Restoration Briefing – 2 staff.	(City of PH attended 5 of 5 WAG mtgs (100%) and 3 of 3 (100%) of Permit Review subcomm. mtgs. Additional watershed meetings: 12/3/10 Lake St. Clair/St. Clair River Protection & Restoration; 1 staff at 6 BPAC meetings and 3 staff at 2 of those 6; 1 staff at 3 SPAC meetings & 3 subcommittee meetings; 1 staff at 3 LEPC meetings	√
	√	√	<u>Board Presentations</u> : Provide a presentation to elected officials and/or planning commission	1 presentation /yr.	The SCCHD presented to the city council on 9/27/10. The Mayor and all board members were present.	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 newsletter stats, p. 2	See Blue Watershed News stats under Public Education activities, p. 2	√
	√	√	<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	SCC stormwater website link maintained on Port Huron DPW webpage.	SCC stormwater website link maintained on Port Huron DPW webpage.	√
				Update 4xs/yr.	There were 5,613 hits to the website	See Website stats under Public Education activities, p. 2	√
	√	√	<u>Northeastern Watersheds Memo</u> : Develop a Watershed Memo and distribute to municipal and school officials	1 memo /yr.	The WAG developed a memo and it was distributed to the City of PH's mayor, council, planning comm. chair, and city manager.	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.	Revised SWPPI removed this task.
	√	√	<u>Questionnaire</u> : Develop and distribute questionnaire for revising the NEW WMP.	1 questionnaire 2012	No actions		

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	Responsible Party(s)		Activity & Delivery Mechanism	Key Messages (Appendix B)	Target Audience	Schedule	2010 Reporting	2011 REPORTING	Met Benchmark?
	Port Huron	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 & posters.	1, 2, 3, 4, 5, 6, 7, 8	Public, Schools	30 pieces of material/ yr.	4/16/10,4/24/10-PH Museum-50 Hotline Magnets, WWTP Activity Books, & Pollution Solutions Booklets; 4/16-4/17/10-Earth Fair~100 magnets, ~200 stickers, word searches, & crosswords, ~100 Biosolids fact sheets, ~50 Biosolids brochures & activity books	3/25/11- 13 Your Guide to St. Clair County's Watershed's brochures in MOC lobby; 5/2/11- 30 Seven Simple Steps to Clean Water tip cards in MOC lobby; 5/18/2011- 20 Water:Our Most Valuable Resource booklets in MOC lobby; 5/19/11- Seven Simple Steps to Clean Water poster & 30 tip cards, Water Quality Hotline poster, 50 Public Beach Water Quality Monitoring brochures placed in Parks & Rec Bldg; 7/18/2011- 28 Water:Our Most Valuable Resource booklets & 37 Seven Simple Steps to Clean Water tip cards in MOC lobby	√
	√	√	<u>Water Quality Displays:</u> Provide water-quality displays at public events and/or facilities.			1x/ 5 yrs.	Earth Fair (4/16 & 4/17) - Biosolids Display	10/8/10- Great Lakes display to 6th grade classrooms; 12/11/10- Great Lakes display at Girl Scout event; 4/15 & 4/16/11 Earth Fair - Biosolids Display with Gator and printed materials/brochures	√
	√	√	<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 Blue Watershed News/ yr.	Distributed Annual Drinking Water Report to water customers; SCC distributed NEWAGs 2010 Annual Activities Update to City Council, City Mgr., Planning Commission Chair, and DPW Director Two editions of the Blue Watershed News were also sent to all council members and many city residents who have signed up for this newsletter through the county.	1 edition (Fall 2011) of the Blue Watershed News was sent out across the county including to City council members, teachers, and residents who have signed up to receive the newsletter.	√
	√	√	<u>Watershed Road Signs:</u> Install and maintain watershed road signs	1	Public, Schools	2 new signs by 2013	2 signs exist at the Water Street Boat Launch; 2 more signs to be installed in 2011	2 signs installed at the River Street Marina.	√
	√		<u>Catch Basin Marking:</u> Mark Catch basins with "Dump No Waste, Drains to Waterway"	1		Ongoing; report #s annually	177 catch basins replaced with metal casting "Dump No Waste, Drains to Waterways"	95 catch basins replaced with metal casting "Dump No Waste, Drains to Waterways"	√
√	√	<u>Mass Media Outreach:</u> Radio, TV stations, video, websites or press releases	1, 2, 3, 4, 7, 8	Public	5 contacts with media/ year	T. Herald newspaper articles 2/3/10, 2/23/10, 3/14/10, 4/17/10, 5/17/09, 6/13/10, 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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Public Education Plan	√	√	<u>Website</u> : Maintain updated education info via websites.	1, 2, 3, 4, 5, 6, 7, 8	Public, Schools	2011	SCC stormwater website link maintained on Port Huron DPW webpage.	SCC stormwater website link maintained on Port Huron DPW webpage.	√
						Updates 4x/yr.	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	3	Public	report #s annually	0 complaints on the City's hotline; 20 messages retrieved on county hotline re: water quality concerns and septic complaints.	<u>County Hotline</u> : 40 messages were retrieved; 20 sewage related and 20 beach related. <u>City of Port Huron</u> : referred calls by PEAS Hotline: 9/16/11- "Foam" on St. Clair River determined to be naturally occurring; 8/31/11- "clumps" observed on St. Clair River-no cause determined	√
	√					20 magnets/yr.	4/16/10, 4/24/10-PH Museum; 4/16-4/17/10- Earth Fair, WWTP Tours	Water Quality Hotline Poster displayed outside Engineering office in MOC and in Parks & Rec Building; Magnets distributed at Earth Fair & River Day	√
	√	√	<u>Water quality presentations</u> : Provide presentations to a wide array of community audiences and student populations	1, 2, 4, 5, 6, 7, 8	Public	2 presentation s/ yr.	Girl Scouts Chemistry Day (11/14/09), Fort Gratiot Classroom discussion (10/8/10), Port Haven Manor (4/22/10) to 10pp, Blue Water Garden Club (8/2/10) to 25pp	<u>County</u> : 10 presentations were given to 270 people across the county re: water quality, pollution prevention and LID mgt techniques; 17 Pollution Solutions presentations given to 395 students at 5 schools. <u>City of Port Huron</u> : 10/8/10- 2 staff talked to ~100 6th graders about wastewater treatment, water quality issues & the Great Lakes; 12/11/10- 2 staff spoke to ~100 Girl Scouts & 36 adults about wastewater treatment, water quality issues & the Great Lakes; 3/16/11- 1 staff participated in presentation on St. Clair River to ~70 attendees and again on 8/4/11 to ~35 attendees; 8/26/11- 1 staff co-presented to ~80 people about St. Clair River restoration efforts & challenges and	√
	√	√	<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	Public, Schools, students	Promote and/or participate in county-wide Public Events.	Promoted on City bulletins: Earth Fair, State Game Area Spring Clean-Up, Native Plant Sale, River Day, Stream Leaders, Hotline poster; Participated in Earth Day (biosolids display-6 staff/ 4000 participants), River Day (WWTP tours-2 staff/ 26 participants), Girl Scouts & Chemistry(1 staff./ 250 participants), F. Gratiot Classroom discussion (2 staff/110 participants), WWTP tours (multiple tour dates with 1 to 4 staff/ 130 participants), and WTP tours (1 staff/ 20 participants)	<u>City of Port Huron</u> : Promoted on City bulletins (over 20 locations): Stream Leaders Monitoring Days (May & Sept); State Game Area Spring Clean-Up; Earth Fair (biosolids display & 6 staff); River Day (WWTP tours for 27 kids & 32 adults); WWTP tours (multiple tour dates with 1 to 4 staff, 151 students & 56 adults), and WTP tours (6 tours of ~15 participants)	√

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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	Ordinance language provided in IDEP	Ordinance language provided in IDEP	√ Complete
	√		<u>Map of Discharges</u> : Map of MS4 discharge points and the names and locations of surface waters receiving	Complete	submitted to DEQ with 2008 permit application and again with most recent IDEP.	Map complete and resubmitted to the MDEQ as part of 2011 Revised IDEP.	√ Complete
	√		<u>Screening</u> : Screening and prioritization of discharge points is defined in the City of Port Huron's IDEP attached to this SWPPI.	1x/ 5 yrs starting 2010	To be completed per City Port Huron's IDEP and as funding allows.	64 Outfalls visually inspected for signs of illicit discharge and erosion.	√
	√		<u>Notify Partners (w/in 1 month)</u> : Notify the SCCHD when illicit discharges are detected during screening.	As illicit discharges are detected		No problems to report.	√
	√		<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.		Per IDEP, 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	Procedures defined in ordinance in IDEP	Procedures defined in ordinance in IDEP	√ Complete
	√		<u>Correct illicit discharges</u>	As illicit discharges are found	10 non-sewage illicit discharges found and corrected (storm discharging into SN sewer)	1 sanitary illicit connection found & corrected and 3 storm illicit connections found and corrected. follow up source confirmation will be initiated if screening results show potential problems.	√
	√		<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.	Recognizing signs of illicit discharges (i.e.. Sanitary waste in MS4) is included in new staff training.	12/8 & 12/13/10- Storm Watch Municipal Storm Water Pollution Prevention video training to all Streets & Utilities Staff ; 3/24/11- The City of Port Huron's storm water coordinator attended training sponsored by SEMCOG and SCCHD. IDEP topics were covered in these trainings.	√

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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	The City of Port Huron submitted a post construction policy with its 2008 permit application. Reviewed 3 site plans for storm water compliance.	The City of Port Huron submitted a post construction policy with its 2008 permit application. Reviewed 5 site plans for storm water compliance.	√
	√		<u>BMP Tracking</u> : The maintenance of all structural and vegetative BMPs, installed after 8/01/09 to meet post construction policy requirements of City of Port Huron will be tracked and enforced. One BMP has been included in Appendix C.	As appropriate for BMP	A maintenance agreement is required from developers for private developments. BMPs will be inspected per maintenance agreement. None installed long enough to require inspection.	A maintenance agreement is required from owners to maintain water quality treatment devices for private developments. Revised SWPPI removed the task of the city to track these BMPs.	Revised SWPPI removes this task
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	N/A	N/A	N/A
	√		<u>Site Plan Review</u> : Requirements to obtain a SESC permit is part of the site plan review process.	Procedure by 9/1/2011	Site plan review requires that Soil Erosion Permits be obtained from the SCCHD.	No changes. Site plan review requires that Soil Erosion Permits be obtained from the SCCHD.	√
	N/A	√	<u>Implement SESC Program</u> : The SCCHD implements the SESC program to meet requirements of Part 91 on behalf of the municipality. The SCCHD maintains record of the # of permits/ year and the last SESC audit and pass/ fail status.	N/A	184 SESC permits were issued by SCCHD of which 5 were in the City of Port Huron.	The SCCHD will provide the # of SESC permits issued and the most recent audit status in its progress report.	N/A

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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.	10/14/09 - Fall Regional mtg - 5 staff, Basic Chemistry for Operators - 4 staff, 12/09/09 - Phase I & II storm water permitting - 1 staff, 12/03/09 water and wastewater construction permitting - 1 staff, 02/02/10-02/03/10 - 2010 Joint Expo - 2 staff	Storm Water Coordinator attended: 12/9/10- NPDES Ph II Stormwater Issues & Watershed Planning & Implementation, 3/24/11- Municipal Operations Training by SEMCOG and SCCHD including all topics listed, 3/30/11- Michigan Watershed Summit; Other: 10/14/10- 2010 Fall Regional Meeting-4 Utilities Staff attended; 10/27/10- Basic Activated Sludge (MWEA)-1 WWTP staff; 12/8 & 12/13/10- Storm Watch Municipal Storm Water Pollution Prevention video training to all Streets & Utilities Staff including all topics listed; 2/8-2/9/11- Operator's Day Joint Expo-3 Utilities Staff attended; 2/28/11- Pipeline Emergency Response training- 1 WWTP staff	√
	√		<u>Contractor Training</u> : Develop specifications that require training of contractors on topics 1) - 5) mentioned above as applicable to project.	9/1/2011	N/A	N0 actions. Revised SWPPI replaces this task with an activity that requires municipalities to provide information to contractors regarding storm water requirements applicable to their work.	contractor education
	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 progress report on 9/1/2011.	09/01/2011	SW Control Summary was developed in 2010 and reviewed in 2011.Revised SWPPI eliminates this task.		Revised SWPPI removed these tasks.
	√		<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 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			

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Pollution Prevention & Good Housekeeping	√		<u>TSS Load Reduction Calculation</u> : Calculate load reductions for all impervious surfaces	9/1/2011 and 9/1/2013	1715 cyds of solids removed from impervious surfaces; Procedures are in place for proper waste disposal.	NO actions. Revised SWPPI eliminates this task.	2011	
	√		<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		718 cyds of solids removed via street sweeper from impervious surfaces; 11,722 yards of leaf and yard waste collected; Procedures are in place for proper disposal of collected and operation waste/spoils. Next training topic for SEMCOG 2012 Training will be disposal practices.	√	
	Roadway, Parking Lots and Bridges							
	√		<u>Inspect and Clean Street Catch Basins</u> : Inspect and clean out approximately 20% of catch basins annually.	~20% catch basins/ yr.	1138 catch basins cleaned. 192 diversion chambers inspected bi-weekly.	1515 catch basins cleaned; 5 diversion chambers inspected bi-weekly (145 inspections/year); 124,394 lf (23.5 miles) of SN/Combined pipe cleaned	√	
	√		<u>Inspect and Clean Parking Lot Catch Basins</u> : Inspect parking lot cb's 1x/yr.; clean as needed	Inspect 1x/yr.; clean as needed	Only inspect when complaints are received or there is a backup. 01/31/11-Talked to Sewer Forman about # of catch basins in city parking lot. Will put into scheduling in 2011.	parking lot catch basins are included in total above	√	
	√		<u>Sweep Streets</u> : Sweep streets within jurisdiction	1x/week	1713 cyds; records available upon request	718 cyds collected from impervious surfaces; records available upon request	√	
	√		<u>Sweep Parking Lots</u> : Sweep parking lots and access drives within jurisdiction	Inspect annually; sweep as needed	2 cyds; records available upon request (MOC South Lot & Quay Street Parking lot)		√	
	√		<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	BMP Practices followed	BMP Practices followed	√	

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Pollution Prevention & Good Housekeeping	√		<u>Stabilize Erosion (Road ROW)</u> : Stabilize erosion along road ways and/or bridges	As need & funding dictates	Lawn Restoration due to construction: 46,695 square yards	Lawn Restoration (sod & seed/mulch) due to construction: 54,544 syds; Maintenance Gravel: 10,123 syds	√	
	√		<u>Stabilize Erosion (open waterways)</u> : Work with the state to stabilize banks of the waters of the state within jurisdiction.		Applied for and received \$1.3 million GLRI grant to stabilize 320 ft. of St. Clair River shoreline in 2011.	GLRI funded Riverbank Restoration project: 320 lineal feet of St. Clair River bank stabilized with sheeting, armor stone, and plantings.	√	
	√		<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 storage building is inspected monthly per SWPPP.	Salt is stored in a covered building and loaded/unloaded indoors. Staff is trained on dry spill clean up methods and application operations. Facility is routinely inspected.	√	
	√		<u>Dust Control BMPS</u> : The City of Port Huron has very little area that is not paved. Chloride is applied to gravel roads 1 - 2 x's / year as needed.	1 - 2 xs/ year	4000 gallons	4000 gallons; Construction dust is controlled with watering, sweeping, and/or calcium chloride applications.	√	
	√		<u>Cole Tar Emulsions</u> : Develop policy to not use coal tar emulsions for sealing asphalt surfaces	09/01/2011	N/A - No asphalt sealing operations	N/A - No asphalt sealing operations. Revised SWPPI removed this task	N/A	
	Fleet Maintenance and Storage Yards							
	√		<u>Storm Water Pollution Prevention Plan (SWPPP)</u> : Develop SWPPI for facilities and storage warehouses where appropriate.	09/01/2010	SWPPP developed in 2010. The 3 Fire Stations and Parks and Forestry Facility do not require a SWPPP. SWPPP/PIPP available at Bancroft Facility and MOC	No changes. SWPPP developed in 2010. The 3 Fire Stations and Parks and Forestry Facility do not require a SWPPP. SWPPP/PIPP available at Bancroft Facility and MOC	√	
			<u>Certified Storm Water Operator</u> : The manager who oversees the fleet maintenance/ storage yards is certified as a Storm Water Operator.	1x certif.; renewal/ 5 yrs.	Eric Witter: C-08822, Exp. 2014 Amanda Huddas: C-14523, Exp. 2014; I-10096, Exp. 2014	No changes. Eric Witter: C-08822, Exp. 2014 Amanda Huddas: C-14523, Exp. 2014; I-10096, Exp. 2014	√	
	√		<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	Records available upon request	Records available upon request	√	
	√		<u>Fleet Maintenance Activities</u> : Maintain vehicles/ equipment for clean and effective operation to prevent impacts on storm water quality.	ongoing	Records available upon request	Records available upon request	√	

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Pollution Prevention & Good Housekeeping	√		<u>Fleet and Equipment Washing</u> : Wash vehicles and equipment at facilities where runoff is treated. All vehicles are washed at Port Huron's DPW facility or at an off site commercial car wash.	ongoing	Receipts available upon request. Training & field visits to washing facility per SWPPP	No changes. Receipts available upon request. Training & field visits to washing facility per SWPPP	√
	√		<u>Refuse BMPs</u> : Inspect dumpster(s) for leaks and clean up loose refuse found around dumpsters.	monthly	Dumpsters at facility inspected monthly per SWPPP	Revised SWPPI removed this task; Dumpsters are emptied by contracted waste collector	√
	√		<u>Oil/ Water Separator</u> : inspect and clean out and dispose of waste as needed	Inspect 1x/yr. Clean as needed	Separator installed at facility Sept. 2010, maintenance per manufacturer's instructions	Separator installed at facility Sept. 2010, maintenance per manufacturer's instructions; Private storm water devices are maintained by owner per maintenance agreement	√
	√		<u>Spill Response</u> : The City's Fire Dept. and/or Environmental Quality Technician II is the first responder to spills.	Maintain certification	The fire dept. maintains their Haz Woper training. 0 spills in 2010.	The fire dept. maintains their Haz Woper training. 1/21/11- Fire Dept. responded to a car accident & noted a very small amount (if any) of gasoline drained to a CB. CB was cleaned out. Environ. Tech responded to the following spills: 1/7/11- 6 gallons of water/diesel fuel mix removed from CB. 6/28/11- Unleaded fuel tank leak at Forestry bldg. Fuel was contained in secondary containment and pumped down until tank is repaired or replaced. 7/12/11- Homeowner deposited ~1 gal of latex paint into a catch basin. Utilities removed paint & cleaned CB. 8/2/11- hydraulic hose broke & 10-15 gal of fluid was removed from a CB.	√
	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	Parks & Forestry Superintendent is certified in pesticide application and licensed contractor is hired.	Parks & Forestry Superintendent is certified in pesticide application and licensed contractor is hired. 12/8 & 12/13/10- Storm Watch Municipal Storm Water Pollution Prevention video training to all Streets & Utilities Staff including BMPs for proper storage, handling & use of pesticides, herbicides, and fertilizers; The stormwater coordinator attended 3/24/11 training sponsored by SEMCOG and SCCHD. Fertilization, pesticide/ herbicide and moving practices were covered in this training.	√

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	√		<u>Contractor Training</u> : Require contractors to be properly trained on the proper storage, handling and use of pesticides, herbicides and fertilizers	09/01/2011	Certified contractors are hired under contract for pesticide applications. Records available upon request.	Certified contractors are hired under contract for pesticide applications. Records available upon request.	√
	√		<u>Fertilization</u> : Port Huron will not apply phosphorous in fertilizer applications unless a soil test is performed once every four years and the test demonstrates phosphorous can be applied at a recommended rate.	Soil test 1x/4 yrs and Fertilization and Vegetation Management Policy 09/1/2011	No tests performed. Approx. 4000 tons of fertilizer/herbicide applied to turf areas. No phosphorous applied.	Approximately 3000 tons of fertilizer/herbicide was applied to turf areas. No phosphorus applied.	√
	√		<u>Vegetation Management BMPs</u> : Mow to a height of above 3" and mulch all clippings		Grass clippings are mulched back into turf areas.	Grass clippings are mulched back into turf areas.	√
Voluntary Watershed Actions							
Describe any water quality related initiatives undertaken that has not already been discussed:			Sweeping of goose waste: Reduces bacteria.	As need & funding dictates	Voluntarily swept goose waste off of St. Clair River boardwalk into lawn area. Reduced amount of direct goose waste runoff.	Voluntarily sweep goose waste off of St. Clair River boardwalk into lawn area. Reduced amount of direct goose waste runoff.	Voluntary
			<u>Sewer lining</u> : Eliminates infiltration of sewage and pollutants		4037 lineal feet of sewer and 20 service laterals lined with cured in place liner.		
			<u>Curb Side Yard Waste & Leaf Retrieval Service</u> : Eliminates potential pollutant carrying yard waste from being swept, blown, etc. into waterways		4,072 yards of compacted yard waste collected; 7,650 yards of uncompacted leaves collected		