

Pr

Municipality/Organization: City of Portsmouth

EPA NPDES Permit Number: NHR041027

Annual Report Number

& Reporting Period: January 2005 – December 2005

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Silke Psula

Title: Solid Waste Coordinator

Telephone #: (603) 766-1454

Email: spsula@pw.cityofportsmouth.com

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 my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: 

Printed Name: David Allen, P.E.

Title: Public Works Deputy Director

Date: 4/27/06

Part II. Self-Assessment

On July 28, 2003, the City of Portsmouth, New Hampshire, submitted a Notice of Intent (NOI) to EPA as required by the NPDES Storm water General Permit issued for small MS4 municipalities by EPA Region. Portsmouth's NOI summarized the steps Portsmouth would take to meet the requirements of the general permit, including compliance with water quality standards. In 2004, the Conservation Law Foundation (CLF) commented on Portsmouth's NOI, identifying several areas in which it felt that requirements of the Clean Water Act were not met.

The City of Portsmouth took into account the issues raised by CLF as part of the required self-assessment, which it has completed. Further, the City resubmitted an updated September 14, 2005. The City has determined that the municipality is in compliance with all permit conditions, with the possible exception of the following provisions:

- Part I. C.
1. The permittee must determine whether storm water discharges from any part of the MS4 contribute, either directly or indirectly, to a 303(d) listed water body.
 2. The storm water management program must include a section describing how the program will control the discharge of the pollutants of concern and ensure that the discharges will not cause an instream exceedance of the water quality standards. This discussion must specifically identify control measures and BMPs that will collectively control the discharge of the pollutant(s) of concern. Pollutant(s) of concern refer to the pollutant identified as causing the impairment.
- Part I. D.
1. Determine whether the approved TMDL is for a pollutant likely to be found in storm water discharges from the MS4.
 2. Determine whether the TMDL includes a pollutant waste load allocation (WLA), BMP recommendations or other performance requirements for storm water discharges. This storm water WLA may be expressed in the TMDL as a gross allotment for the impaired water body.

The City remains committed to resolving whether these conditions have been met and believes that critical data is needed which would, among other things, help establish whether certain water bodies are in fact impaired and if so for which pollutants.

Part III. Summary of Minimum Control Measures - See attached Annual Storm Water Report/Spreadsheet

Part IV. Summary of Information Collected and Analyzed
(Refer to Part II, above and BMP 3. B. (ii))

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

| | | |
|---|--|--|
| Storm water management position created/staffed | (X) <input checked="" type="radio"/> (N) * | |
| Annual program budget/expenditures | Rough estimate \$224,140.00 | |

* While a specific position was not created, the Solid Waste Coordinator was designated as the primary point of contact, facilitating the implementation of programs/BMPs with designated staff as part of a City wide implementation of storm water phase II compliance. Further, the SWPP identifies the Storm Water Management Team.

Education, Involvement, and Training

| | | |
|---|---|--------------------|
| Estimated number of residents reached by education program(s) | Undetermined at this time | See BMP 1. A.(iv) |
| Stormwater management committee established | Y <input checked="" type="radio"/> (N) | See BMP 2.A. (ii) |
| Stream teams established or supported | (# of) Y <input checked="" type="radio"/> (N) | |
| Shoreline clean-up participation or quantity of shoreline miles cleaned | (Y) <input checked="" type="radio"/> (N) | See BMP 6.B.(vii) |
| Household Hazardous Waste Collection Days | | |
| ▪ days sponsored | 2 | May '05 & Sept '05 |
| ▪ community participation | 2.3% | |
| ▪ material collected | 12,813 gals | |
| School curricula implemented | Y <input checked="" type="radio"/> (N) | |

Legal/Regulatory

In Place
Prior to
Phase II

Under
Review

Drafted

Adopted

| Regulatory Mechanism Status (indicate with "X") | | | |
|---|----------------------------------|-----------------|---------|
| | In Place Prior to Phase II | Under Review | Adopted |
| ▪ Illicit Discharge Detection & Elimination | | X | |
| ▪ Erosion & Sediment Control | | X | |
| ▪ Post-Development Stormwater Management | | X | |

Mapping and Illicit Discharges

| | | | |
|--|-----------|--|----------------------|
| Outfall mapping complete | 99%* | | |
| Estimated or actual number of outfalls | +/- 213** | | |
| System-Wide mapping complete | 99% | | |
| Mapping method(s) | | | |
| ▪ Paper/Mylar | 0 % | | |
| ▪ CADD | 0 % | | |
| ▪ GIS | 100 % | | |
| Outfalls inspected/screened | 184 | | |
| Illicit discharges identified | 3 | | See BMP 3 . B (i) |
| Illicit connections removed | 3 | | |
| % of population on sewer | 95% | | |
| % of population on septic systems | 5% | | |

* Locations are known; ongoing program of surveying invert elevations and determining pipe type and diameter.

** Directly discharging to waterbodies listed by DES as impaired waterbodies 303(d).

Construction

Have not yet begun to track this information.

| | |
|---|------------|
| Number of construction starts (>1-acre) | (#) |
| Estimated percentage of construction starts adequately regulated for erosion and sediment control | (%) |
| Site inspections completed | (# or %) |
| Tickets/Stop work orders issued | (# or %) |
| Fines collected | (# and \$) |
| Complaints/concerns received from public | (#) |

Post-Development Storm Water Management

Have not yet begun to track this information.

| | |
|---|----------|
| Estimated percentage of development/redevelopment projects adequately regulated for post-construction storm water control | (%) |
| Site inspections completed | (# or %) |
| Estimated volume of storm water recharged | (gpy) |

Operations and Maintenance

Currently the City has a program in place to clean and maintain catch basins. However at this time we have not yet begun to track all of this information.

| | | |
|--|--|-------------------|
| Average frequency of catch basin cleaning (non-commercial/non-arterial streets) | Urban annually and residential & commercial area as needed | See BMP 6.B (iii) |
| Average frequency of catch basin cleaning (commercial/arterial or other critical streets) | 46 | |
| Total number of structures cleaned | (LF or mi.) | |
| Storm drain cleaned | (lbs. Or tons) | |
| Qty. of screenings/debris removed from storm sewer infrastructure | | |
| Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.) | | |
| Cost of screenings disposal | (\$) | |

| | | |
|--|------------------------------------|--------------------------------|
| Average frequency of street sweeping (non-commercial/non-arterial streets) | 1 time/yr | See BMP 6. |
| Average frequency of street sweeping (commercial/arterial or other critical streets) | 6 days/week Spring through Fall | B(iv) Total of 5,562 hours. |
| Qty. of sand/debris collected by sweeping | (lbs. or tons) | |
| Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) | (location) | |
| Cost of sweepings disposal | (\$) | |
| Vacuum street sweepers purchased/leased | 1 | |
| Vacuum street sweepers specified in contracts | (y/n) | |

| | | |
|--|-------------|--|
| Reduction in application on public land of: ("N/A" = never used; "100%" = elimination) | | |
| ▪ Fertilizers | (lbs. or %) | |
| ▪ Herbicides | (lbs. or %) | |
| ▪ Pesticides | (lbs. or %) | |

| | | |
|--|---|---------------------|
| Anti-/De-Icing products and ratios | % NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand | |
| Pre-wetting techniques utilized | (y/n) | |
| Manual control spreaders used | (y/n) | |
| Automatic or Zero-velocity spreaders used | (y/n) | |
| Estimated net reduction in typical year salt application | (lbs. or %) | |
| Salt pile(s) covered in storage shed(s) | Y/N | |
| Storage shed(s) in design or under construction | Y/N | Constructed 2001 |

**Annual Storm Water Report
For Calendar Year 2005
For
Portsmouth, New Hampshire**



Submitted: May 1, 2005

**2005 ANNUAL REPORT
BEST MANAGEMENT PRACTICES OBJECTIVES & STATUS REPORT**

1. PUBLIC EDUCATION AND OUTREACH

Public Education is an essential component to any effective storm water management program. To start, Portsmouth has decided to conduct a general storm water, establishing for the general public a basic understanding of the issues and to target the appropriate citizens committees. Once a general and more specific areas of concern are identified, education and outreach will be developed to address those needs with appropriate objectives, targets established.

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|--|---|--|
| <p>1. A. Develop and distribute/post a minimum of 2,000 impressions via print, local TV, local radio or other appropriate media during the life of the permit.</p> <p>DPW</p> | <p>i. Storm Water report on web (X # hits)</p> <p>ii. Produce and post storm water pollution prevention construction BMP's poster. (# of posters)</p> <p>iii. Produce 1,020 pamphlets of EPA's, "The Solution to Storm water Pollution" pamphlet. (# of pamphlets)</p> | <p>Storm water report is on web – current technology does not allow us to track # of visits.</p> <p>15 posters produced by the EPA - 2 continue to be located at City Hall/Planning Dept., where residents and contractors apply for construction permits.</p> | <p>Update webpage to storm water and add technology to track</p> <p>No change</p> <p>No change</p> |
| | | <p>These pamphlets are in the reception area of City Hall and DPW. Pamphlets are distributed during HHW Collection events and other appropriate events. Events held May '05 & September '05 – 326 cars and 143 cars, respectively, attended event(s) and received a pamphlet.</p> | |

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals fo |
|---|--|--|--|
| <p>I. A. Develop and distribute/post a minimum of 2,000 impressions via print, local TV, local radio or other appropriate media during the life of the permit.</p> | <p>iv. Produce and air on local TV a public service announcement/video on storm water and what the public can do to prevent storm water impacts. (# of times video was aired)</p> <p>v. Produce and air on local TV a public service announcement on proper disposal of used (car) oil and provide means for disposal (recycling) at the City Recycling Center. (# of times PSA aired)</p> <p>vi. Brochures about oil pollution prevention at key locations within City Hall</p> | <p>A joint venture with the Seacoast Storm-water Coalition created the storm-water video "There is No Away". Beginning February 2004, and for the first 2 years of the permit, the video will be aired on the government channel every Saturday evening. The video was aired 92 times.</p> <p>In addition, a link is provided on the City web to view the video for those who have Quicktime, Windows Media Player or MPEG-1.</p> <p>July 2004 through July 2005, the City is airing 1 minute "commercial" 5 times per day, 3 times a week advertising proper method of disposing used oil and the hours the Recycling Center accepts used oil. The video was aired 780 times.</p> | <p>The City will develop survey within the last permit to ascertain the target audiences(s).</p> <p>Contract to use copy expired July 2005.] objective.</p> <p>Fulfilled this objective</p> |
| | | <p><i>Fast Facts About Oil & Fuel Pollution</i> and <i>Fast Facts About Vessel Maintenance Pollution</i>, produced by the Ocean Conservancy and addressing some storm water pollution prevention good house keeping initiatives and provided at City Hall reception area.</p> | |

| BMP / ID | Responsible Party | Measurable Goal | Status | Changes / Goals fo |
|--|---|--|--|--------------------|
| 1.B. Educate local residents participating in local government; groups; organizations. DPW | i. Make presentations to appropriate local Committees. DPW hosted an all day workshop January 21, 2005, "How To" for Storm Water Phase II Communities that the Rockingham Planning Commission organized. 65 attendees representing 23 communities attended. | May 17, 2005, DPW presented to the Neighborhood Advisory Committee, Storm Water issues and the City's initiatives. | Objective targeted for permit. Objective to make presentations present, i.e. Citizens since they have rem public facilities proj playground improve neighborhoods. | |
| 1. C. Educate the general public and public school children about the storm water / sewer system, so that they understand the town water management systems and pollution issues. DPW | <p>ii. # of public events storm water pollution issues presented at.</p> <p>i. The City will coordinate with volunteer, local organizations and the public school system to educate about storm water</p> | <p>DPW set up a PR booth during Market Square Day, 6/11/05. Storm water / water quality issues and recycling were presented to event attendees.</p> <p>April 2005 - Coordinated w/ Girl Scout Troop leader, Sheila Kearsey, for the troop to earn their eco-badge. Arranged for tour of waste water treatment plant in Sept. In the interim provided Water Saver Kits, booklets on groundwater protection etc.</p> | <p>No change.</p> <p>No change.</p> | |
| | <p>ii. Develop a newsletter, for mass mailing throughout City residential addresses and posting on web. Articles will include Storm water pollution prevention; water quality; waste water info, treatment plant; buffer zones; etc.</p> <p>iii. DPW coordinate with the Middle Public School children (grades 6 – 8) with material, including videos, live presentations, brochures and other media</p> <p>iv. New goal for 2006: include storm water info in City e-newsletter.</p> | <p>Newsletter produced and distributed (mass mailing) in conjunction with Earth Day April 20, 2005 – mailed May 2005.</p> <p>Opportunities were not available in 2005. However, met this objective (1.C) through the other measurable goals cited. Will continue to look for opportunities.</p> | <p>No change.</p> <p>Annual</p> | |

| BMP / MD Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|--|---|--|
| <p>1.D. Collaborate with public and private entities to maximize efforts of reducing contaminants from Portsmouth waterways.</p> <p>City Hall</p> | <p>i. City to support the Hodgson Brook Local Advisory Committee efforts to develop goals, objectives and actions to address the restoration of Hodgson Brook.</p> <p>ii. Coordinate with the Blue Ocean Society to clean-up litter on Pierce Island. (# of events)</p> <p>iii. City coordinate initiatives with CSTEV</p> | <p>In 2005, the City contributed \$7,000 through in-kind services to the Hodgson Brook project.</p> <p>June 2005, the City, in conjunction with NHDES and the Hodgson Brook Committee, began efforts to fix a break in the sewer line running under the Bartlett St. Bridge. Completed 1/17/06. Eliminated source of raw waste water discharging into the North Mill Pond.</p> <p>Two events held in 2005. 4/22/05 and 6/22/05 volunteers organized and took part in cleaning up over 965 pounds collectively of debris on Pierce Island.</p> <p>4/15/05 Four City reps attend CSTEV workshop. Deputy Dir invited to be a member of the Board as it looked at applications and results of the research project. Board met twice in '05.</p> | <p>City will continue to coordinate efforts with the Local Advisory Committee as City continues to address the restoration of Hodgson Brook.</p> <p>No Change.</p> <p>No Change.</p> |

2. PUBLIC INVOLVEMENT AND PARTICIPATION

An involved public will be more likely to support a storm water program, in terms of both implementation and support for funding.

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|--|---|---|
| <p>2.A. The City will involve stakeholder groups, including local governments, businesses, and citizens in making decisions about storm water management priorities and programs throughout the City.</p> <p>City Hall/DPW</p> | <p>i. Develop the storm-water pollution prevention programs and City ordinance</p> <p>ii. Review existing committees and ensure they include, where appropriate, storm-water pollution issues to ensure they are being addressed.</p> <p>iii. The Technical Advisory Committee (TAC) review and approval of NOIs from private contractors.</p> | <p>City completed its Master Plan in February 2005, which includes sustainable development concepts, in particular site review regulations, land use, natural resources and open space.</p> <p>Site reviews include public readings, hearings and comment session. Additionally a very broad base of the public was involved in the development of the Master Plan.</p> <p>Review conducted in 2004. Identified Conservation Commission, Planning Board, TAC as appropriate committees to be informed of storm water issues. Determined at this time there is no practical reason to develop a storm water committee (no specific mission identified). But will present to the identified committees issues on storm water pollution prevention. Presentations given in 2004.</p> <p>As part of updating site review regulations inspection and administration handling will be formalized.</p> | <p>Objective met.</p> <p>Objective met. No c</p> <p>Update GIS system i properties (and NOI</p> |

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|--|---|---|
| <p>2.B. Maximize resources and effectiveness, and coordinate with neighboring communities occupying the same watershed for appropriate and feasible education and out reach.</p> <p>City Hall / DPW</p> | <p>i. # of meetings and/or coordinated efforts with the Storm Water Coalition.</p> | <p>The City has designated a representative. The Coalition meets quarterly throughout the year.</p> <p>Additionally, the City rep met with certain Coalition members and coordinated an application for grant money to develop SOP for IDDE and Good Housekeeping BMPs. The Coalition recently was awarded grant money. Approximately 5 additional meetings held in the last quarter – applying for grant and subsequent implementation of the project.</p> | <p>On-going meetings ; Manual to be compl</p> |

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

Illicit discharges are wastes and wastewaters that are not from storm water runoff and are not otherwise authorized by the City's NPDES permit. T system either through direct connections or through indirect connections.

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|--|--|--|
| <p>3.A. Develop a comprehensive map of the storm drain system.</p> <p>DPW</p> | <p>i. Percentage of Storm-water system mapped.</p> | <p>Storm-water map/model has been completed December 2003. Model includes streams, 109 miles of drainage pipe, 105 outfalls, and 4,700 catch basins.</p> | <p>Majority of known s mapped. Mapping v unknown pipes are t</p> <p>The City has hired a provide elevations, 1 size, material condit drainage as part of ti</p> <p>Water Master Plan I</p> |

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for: |
|---|---|--|--|
| <p>3. B. Identify any illicit discharges and eliminate.</p> <p>DPW</p> | <p>i. Number of illicit discharges detected and/or eliminated.</p> | <p>a. 8/15/05 televised inspection of 2,900' of storm water infrastructure conducted at Rt 1 By-pass/Maplewood area. Appropriate corrective action implemented based on results of inspection.</p> <p>b. Spring 2005 Cross connection removed at Buzzy's and installed a new 500 gal external grease trap.</p> <p>c. 6/16/05 Dolphin Striker Restaurant enforcement action initiated for dumping mop water down storm drain.</p> <p>d. 7 Central Ave – sewer lateral tied to storm drain. 8/2005, two City crew dug on sewer lateral and connected it to main sewer on Mechanic St.</p> <p>e. 9/28.05 enforcement action taken against 1976 Woodbury Ave re: drains to be private opened and cleaned.</p> <p>f. 10/11/05 enforcement action taken against Ricci on Deer St – run-off from private construction project.</p> <p>g. 10/18/2005 Enforcement action taken against King Real Estate re: Madison St. project.</p> <p>h. sewer repair on Bartlett St., removing leaky sewer line into N. Mill pond.</p> | <p>On-going efforts.</p> <p>City coordinating ef Brook Local Adviso IDDE survey within Watershed. Spring ;</p> |

| | | | |
|--|---|--|--|
| <p>- <i>continued</i></p> <p>3. B. Identify any illicit discharges and eliminate.</p> | <p>ii. Create standard operating procedures for the detection of non-storm-water discharges.</p> | <p>Previous year's initiative was to conduct a survey during dry weather of 20% of the storm drain system outfalls per year. Areas with suspicious discharges would be investigated.</p> | <p>Modified objective. better achieved by first for detection and eliminate subsequent training City obtained grant Seacoast Coalition to SOPs to be completed training conducted in</p> |
| <p>3.C. Establish legal authority for enforcement actions.</p> <p>City Hall</p> | <p>i. The City to adopt a storm water ordinance that provides enforcement mechanisms and penalties to halt illegal discharges.</p> | <p>Ordinance drafted. DPW and CH met Jan '06 - 4th review. Edits currently being made. Intend to present to Council no later than Fall '06 for approval.</p> | <p>As part of the Storm project, consultants provide feed-back before City Council of passing.</p> |

4. CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

Construction sites can be a significant source of sediment – especially when installation and maintenance of erosion and sediment controls are not:

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|---|--|--|
| <p>4.A. Establish a set of minimum erosion and sediment control (ESC) requirements for construction sites.</p> <p>City Hall / DPW</p> | <p>i. Require ESC plans for any land disturbance greater than 5,000 square feet.</p> <p>ii. Create AutoCAD files, which will detail the standards for erosion control.</p> <p>iii. Site Plan Review procedures to include storm water pollution prevention activities. All procedures at the Planning dept to involve storm water activities site review on any level.</p> | <p>Site review regs being updated and guidance being prepared.</p> <p>Files will be used for in-house design and for dissemination to the public as requested.</p> | <p>As part of the Storm project, consultants and provide feedback later than Fall '06.</p> <p>Completion of Auto no later than September complete in 2005 – completed in 2006.</p> <p>Target date for completion</p> |

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|---|---|--|--|
| <p>- <i>continued</i></p> <p>4.A. Establish a set of minimum erosion and sediment control (ESC) requirements for construction sites.</p> <p>City Hall / DPW</p> | <p>iv. Enforce new ordinance.</p> <p>Create educational pamphlet (or other appropriate mechanism) to be handed out during construction permitting or other like process to ensure contractors and the general public are aware of any new or modified rules. # of pamphlets created and distributed.</p> <p># of site inspections for compliance.</p> | <p>Ordinance under going 4th edit. To be presented to Council Fall '06, with intent to pass.</p> <p>Brochures will be created once ordinance is passed.</p> <p>Sub-division and site monitoring is performed through contract with site consultant engineering firm, i.e. Unerwood monitored 2: Tuckers Cove and Madison St Condos.</p> | <p>2007</p> <p>City will develop a t</p> |

5. POST-CONSTRUCTION RUNOFF CONTROL

Once a construction project is complete, there still remains a need to address storm water runoff. Specifically those that disturbed greater than or equal to projects less than 1 acre that are part of a larger common plan of development, which discharge into the MS4.

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|---|--|---|
| <p>5. A. Reduce the volume and improve the quality of storm water runoff by disconnecting impervious surfaces and installing and maintaining structural storm water controls.</p> <p>DPW</p> | <p>i. # of structural controls installed.</p> | <p>Four Vortectic units installed – two at DPW and two by the North Mill Pond.</p> | <p>Objective met.</p> <p>As part of the Storm consultants will draft maintenance schedule by the end of the year.</p> |

6. GOOD HOUSEKEEPING

Effective storm water management programs start with good standard operating procedures and municipal employees. Standard operating procedures and municipal crews need to be educated about the impacts of their work on storm water quality to prevent pollution from municipal operations. Also, good example for citizens.

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals for |
|--|--|---|---|
| <p>6. A. Reduce the amount of nutrients and sediments entering receiving waters through education of municipal employees about spill prevention and control, vehicle washing, lawn activities, etc.</p> | <p>i. Number of in-house training sessions held and number of attendees.</p> | <p>10/13/2005 3 DPW employees attended training re: Wastewater Discharging Permitting in NH, agenda included storm water issues. 11/15/2005 – use and application of portable spill kits.</p> | <p>No change.</p> |
| <p>6. B. Reduce the amount of nutrients and sediments entering receiving waters through mechanical and operational means.</p> | <p>i. Storm/Sanitary Sewer Separation Quantity separation of sewers.</p> <p>ii. Upgrades to Sewage Pump Stations</p> | <p>Began contract II of the sewer separation project – Bartlett St., intersection sewer separation designed.</p> <p>Increased pumping and treatment of sewage Improvements include:</p> <ul style="list-style-type: none"> • Deer St design completed • Project bid to be completed in '06 (contract is signed) • Rye line pump station in design. | <p>This work will be over years as a part of the Pollution Control Plan.</p> <p>This work will be over years as a part of our Control Plan.</p> |
| | <p>iii. City to identify critical catch basins and frequency for cleaning.</p> | <p>The City will create a list of identified critical basins for regular cleaning and clean every basin within a 4-year cycle.</p> | <p>List to be compiled 1 Maintenance schedule based on # of critical areas, staff and equipment</p> |

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals fo |
|---|--|--|---|
| <p>6. B. Reduce the amount of nutrients and sediments entering receiving waters through mechanical and operational means.</p> <p><i>- continued</i></p> | <p>iv. Miles of City streets swept.</p> <p>v. Reduce the amount of salt/sand being used in the winter to the minimum necessary amount.</p> | <p>Daily street sweeping of areas identified as significant litter/pollution areas. 6 days /week street sweeping of the business/tourist district commencing in the Spring through the Fall.</p> <p>Once a year, after Winter ops concluded, the following identified neighborhoods are swept: Maplehaven, South end, Jones Ave, Dennet St., Middle St., Borthwick Ave, Woodbury Ave, Panaway Area, the Heights, Essex Ave area, Elwyn Park.</p> <p>10/17/05 swept downtown; Woodlands; Wright, Worth & Gas Lite lots. Four loads of street sweeping collected.</p> <p>The City eliminated the use of sand in 2005.</p> <p>The City will determine the amount of salt/sand being used to establish a base line understanding of operations and application.</p> <p>Calibrate Salters. Logs to be completed by the truck drivers.</p> | <p>DPW developing sir procedures to docun</p> <p>Because seasons var compiled over the c seasons starting the Baseline not establis good representation.</p> <p>City will research of improve and optimiz</p> |

| BMP / ID Responsible Party | Measurable Goal | Status | Changes / Goals fo |
|--|--|---|--|
| <p><i>- continued</i></p> <p>6. B. Reduce the amount of nutrients and sediments entering receiving waters through mechanical and operational means.</p> | <p>vi. Develop spill prevention and control plans for Dept of Public Works.</p> <p>vii. Number of activities the DPW coordinates or conducts to clean up public lands of debris around sensitive watersheds.</p> | <p>DPW has SPCC written and signed by a certified Engineer. The plan describes spill prevention and control procedures.</p> <p>Assisted 1) Blue Oceans Society clean-up of Peirce Island – Earth day 2005 and Sept '05; 2) The City sponsors the “Adopt a Spot” program – volunteers to the City, who help clean up and beautify more than 100 different locations throughout the City. 3) Storm drain stenciling project Sept '05.</p> | <p>Plan to be reviewed every three years an necessary.</p> <p>No change – on-goi</p> |
| <p>6. C. Reduce the amount of hazardous waste being disposed of inappropriately through programs/services, education of municipal employees and local residents.</p> | <p>i. The number of household hazardous waste collection events and the volume (i.e gallons) of household hazardous waste disposed (in accord with hazardous waste regs and diverted from the landfill).</p> <p>ii. The number of events/contacts with residents to educate about hazardous waste, proper disposal and the effects of hazardous waste on water quality, so that general awareness will increase.</p> | <p>Events held May and September 2005. 12,813 gals of waste collected.</p> | <p>No change – on-goi meeting this objective. State assistance. Local make this project more effective.</p> <p>No changes^[se]</p> |