

**REPORTING YEAR TWO
YEAR ENDING MARCH 9, 2005**

**MS4 Municipal Compliance Certification (MCC)
and Stormwater Management Program
Annual Report (SWMPAR)**

Submitted To:

New York State Department of Environmental Conservation

MS4 Permit Coordinator
625 Broadway
Division of Water - 4th Floor
Albany, New York 12233-3505

Submitted By:



**Buffalo and Fort Erie Public Bridge Authority
MS4 SPDES No. NYR20A422**

One Peace Bridge Plaza
Buffalo, NY 14213
Phone: (716) 884-6744 ext. 242

May 26, 2005



SPDES General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewers (MS4s), Permit No. GP- 02-02 Municipal Compliance Certification (Submitted with the SWMPAR)

Section A. Small MS4 Owner/Operator Information Annual Report for the year ending: March 9, 2005

SPDES No.: NYR20A422 MS4 Name: Buffalo and Fort Erie Public Bridge Authority Contact Name: Anthony Braunscheidel Contact Title: Facilities Manager Phone No.: (716) 884-6744 ext. 242 Mailing Address: One Peace Bridge Plaza Buffalo Erie New York 14213-2494

Is any of this information new or changed since your last certification? (Please circle one answer) Yes No

Section B. Watershed and MS4 Partnership Information (Please circle one answer for each question)

- 1. a) Have you received notification from the Department that you are subject to the special conditions in Part III.B. of the permit? Yes No
b) If you answered yes to 1a), have all necessary changes been made to the Stormwater Management Program (SWMP) to ensure compliance with Part III.B. of the permit? Yes No N/A
2. a) Have any new MS4 partnerships developed, where another municipality will be responsible for carrying out a portion of your municipality's SWMP? If yes, please specify the municipality and the activity. Yes No
b) Municipality:
c) Activity:
d) Has a legally binding intermunicipal agreement been executed? If yes, please include a copy of the agreement as an appendix to the Stormwater Management Program Annual Report (SWMPAR). Yes No

Section C. Evaluation of Compliance

- 1. For each of the six minimum measures listed below, indicate if your program has made steady progress toward full implementation and has achieved all measurable goals scheduled to be completed during this reporting period. (Please circle one answer for each question)
Steady Progress Goals Achieved
a) Public education Yes No
b) Public participation/involvement Yes Yes
c) Illicit discharge detection and elimination Yes No
d) Construction site stormwater runoff control Yes Yes
e) Post-construction stormwater management Yes Yes
f) Pollution prevention/good housekeeping for municipal operation Yes No
2. Does your SWMP cover all areas, automatically and additionally designated, pursuant to 40 CFR 122.32(a), under your jurisdiction? Yes No
3. Have adequate resources been allocated to fully implement your SWMP no later than January 8, 2008? Yes No



SPDES General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewers (MS4s), Permit No. GP- 02-02 Municipal Compliance Certification (Submitted with the SWMPAR), Page 2

SPDES No.: NYR20A422	MS4 Name: Buffalo and Fort Erie Public Bridge Authority
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Section D. Explanation of Compliance Evaluation

If you answered No to question 1b in Section B or to any question in Section C, indicate the question number in the small box in the upper left hand corner, and provide a brief explanation, including action being taken to address the problem, in the space provided. With respect to any of the six minimum measures, your attached Stormwater Management Program Annual Report (SWMPAR) must include a detailed explanation of why implementation or compliance is not being achieved and what actions have been taken to ensure compliance with each minimum measure. Indicate where this explanation can be found in the SWMPAR. If necessary, attach extra sheets following the same format.

Question # C.1a	Explanation
Development of an informational stormwater webpage on the Peace Bridge website was previously a Year Two goal, but has been re-assigned to Year Three to coincide with additional improvements being made to the Authority's existing website. More detailed discussion can be found on Pages 2 and 3 of the SWMPAR.	

Question # C.1c	Explanation
Two Year Two goals were not completed, however steady progress was made toward each: 1) Erect signage on Authority property prohibiting illicit discharges - This goal was not accomplished in Year Two due to the level of effort put into developing the written SWMP. 2) Conduct informational stormwater workshop with Authority employees - This goal was not accomplished in Year Two due to the level of effort put into developing the written SWMP. Both goals have been re-assigned to Year Three. More detailed discussion on each can be found on Page 9 of the SWMPAR.	

Question # C.1f	Explanation
Audit facilities and identify problem areas was previously a Year Two goal, but has been re-assigned to Year Three. This goal was not accomplished in Year Two due to the level of effort put into developing the written SWMP. More detailed discussion can be found on Page 15 of the SWMPAR.	

Section E. 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 gathered and evaluated 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."

Print Name: Anthony Braunscheidel Title: Facilities Manager
Signature: _____ Date: May 26, 2005

The MCC form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in Part VI.I.2. of the permit. Send two completed **hard copies** (an original and a photocopy) of this form, the following SWMPAR Minimum Measures and the other reporting requirements to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4th Floor, Albany, NY 12233-3505).



Stormwater Management Program Annual Report

Six Minimum Measures Section

March 10, 2004 – March 9, 2005

Municipality Name Buffalo and Fort Erie Public Bridge Authority

SPDES Number **NYR20A422**

Use this table to summarize your Stormwater Management Program (SWMP) Minimum Measures for Sections I through VI of the SWMPAR. We request that MS4s fill out this table electronically. The table is available in Microsoft Word and Corel WordPerfect, or you may duplicate this table manually. Send two completed **hard copies** (an original and a photocopy) of the previous MCC form, this form and the other SWMPAR reporting requirements to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4th Floor, Albany, NY 12233-3505).

MINIMUM MEASURE 1: Public Education and Outreach in Stormwater Impacts

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

Through this annual reporting process the Authority is modifying one Year Two measurable goal for the *Public Education and Outreach* Section listed in the original Notice of Intent. Development of an informational stormwater webpage on the Peace Bridge website was previously a Year Two goal, but has been re-assigned to Year Three to coincide with additional improvements being made to the Authority’s existing website.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED TECHNIQUES			
Plan and conduct an ongoing public education and outreach program	✓		<p>The public education and outreach program defined in the Authority’s SWMP will be reviewed and updated on an annual basis.</p> <p>Authority Measurable Goals/Timeline Participate in Western New York Stormwater Coalition (minimum two meetings/year)</p>
			<p>Measurable Goals Achieved An ongoing measurable goal is attendance at the WNY Stormwater Coalition (Coalition) meetings. The Coalition held ten meetings during Year Two, with the exception of July, December, and February. The measurable goal for Coalition participation is to attend a minimum of two meetings each year. The Authority, listed as a Coalition member, has accomplished this goal for Year Two by attending the following meetings: 2004 - March 10, April 21, May 12, June 9, August 11, September 8, October 13; 2005 - January 12</p> <p>Attendance records are available upon request from Erie County DEP (716) 858-7583 – Mary Rossi.</p> <p>Other Accomplishments</p> <ul style="list-style-type: none"> • The Authority developed a written Stormwater Management Program (SWMP) that defines their public education and outreach program (refer to <i>Illicit Discharge Detection and Elimination</i> Section for further details) • Refer to “Additional Techniques” for accomplishments made by the Authority with the assistance of the Coalition.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
ADDITIONAL TECHNIQUES			
Webpage	✓		<p>Coalition Activities Update the Coalition webpage periodically and link to the webpages of the regulated MS4s.</p> <p>Authority Measurable Goals/Timeline Create a stormwater information page on the Peace Bridge website (July 2005). An informational web page will be created on the Authority website devoted to stormwater issues relevant to the community. In addition, links will be created between the Authority's and the Coalition's websites. This was previously a Year Two goal, but has been re-assigned to Year Three to coincide with additional improvements being made to the Authority's existing website.</p>
			<p>Other Accomplishments</p> <ul style="list-style-type: none"> Coalition webpage was updated to include the public education brochures in pdf format and a link to the Western New York Regional Information Network www.wnyrin for municipal information The stormwater pollution prevention webpage developed on behalf of members participating in the Western New York Stormwater Coalition is housed on the Erie County site: http://www.erie.gov/environment/compliance/pollution_sw2.asp

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		If YES, describe the measurable goals that were achieved and other accomplishments.
	YES	NO	Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
Printed Material / Displays	✓		<p>Other Accomplishments</p> <ul style="list-style-type: none"> • Educational materials were printed and are displayed in multiple locations (Authority Administration Building, Erie/Niagara County municipal building, Erie/Niagara County public libraries, Erie/Niagara County Soil & Water Conservation District offices) • Public information posters are displayed in Erie and Niagara County public libraries • Classroom/School Education: instructional resources have been reviewed and a basic plan determined for content and distribution • Outreach to commercial entities: stormwater pollution prevention brochures for the following targeted businesses have been distributed through direct mailing: hospitals and healthcare facilities; veterinarians, pesticide applicators and landscapers and contractors. • Coalition developed a collection of educational materials that are available to the MS4s
Events and Programs		✓	This is a Year Five measurable goal.

MINIMUM MEASURE 2: Public Involvement/Participation

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED TECHNIQUES			
Public notice and access to documents and information	✓		<p>The open Coalition meetings are an ongoing component of the SWMP and will continue to be a measurable goal.</p> <p>Authority Measurable Goals/Timeline Open WNY Stormwater Coalition meetings to the public (2 meetings/year)</p>
Public presentation and comments received on SWMP and annual report	✓		<p>Public review of the Annual Report is an ongoing component of the SWMP and will continue to be a measurable goal. The website described in the <i>Public Education and Outreach</i> section will be used as a mechanism for making the SWMP and SWMPAR available to the public.</p> <p>Authority Measurable Goals/Timeline</p> <ul style="list-style-type: none"> • Make SWMP available to the public (annual) • Make SWMP Annual Report available to the public (annual)

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		If YES, describe the measurable goals that were achieved and other accomplishments.
	YES	NO	
Public involvement/participation program	✓		<p>Other Accomplishments</p> <ul style="list-style-type: none"> The Authority developed a written public involvement/participation program, which has been incorporated in the written SWMP (refer to the <i>Illicit Discharge Detection and Elimination</i> section for further details). The program defines the documents that will be made available to the public and how this will be accomplished, the Authority's target audience, public notice venues and content, the draft annual report review process, and additional targeted public involvement/participation opportunities. Coalition webpage promotes feedback with an e-mail link on the page
Contact person identified	✓		<p>Name: <u>Anthony Braunscheidel</u></p> <p>Title: <u>Facilities Manager</u></p> <p>Phone: <u>(716) 884-6744 ext. 242</u></p>
ADDITIONAL TECHNIQUES			
N/A			

MINIMUM MEASURE 3: Illicit Discharge Detection and Elimination

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

Through this annual reporting process the Authority is modifying Year Two through Year Five measurable goals for the *Illicit Discharge Detection and Elimination* Section of our original Notice of Intent. The revised measurable goals are:

- Year 2: Develop written Stormwater Management Program
- Years 2-5: Update collection system and outfalls map
- Year 3: Erect signage on Authority property prohibiting illicit discharges
- Years 3-5: Conduct information stormwater workshop with Authority employees
- Years 4-5: Identify illicit connections
- Year 4: Dye testing of storm sewer system

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED ACTIVITIES			
Outfall Mapping	✓		<p>Bergmann Associates is formally under contract to map all of the regulated outfalls by September 2005.</p> <ul style="list-style-type: none"> • Currently finalizing the draft geodatabase model and data collection schedule • Field work commenced in May 2005. The field work will involve electronically locating each outfall using a hand held GPS unit; recording a variety of descriptive information for the geodatabase which will be attached to the GIS map, and conducting an initial visual inspection of each outfall and recording the results. • Once the field work starts, Coalition members will be able to monitor the progress of the project through a secure ftp website which Bergmann will host and update weekly. <p>Authority Measurable Goals/Timeline Update collection system and outfalls map (October 2005). Visual inspections and information gathered during the Coalition outfall mapping effort will be used to update the Authority's existing outfall/system map.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Illicit Discharges Prohibited	✓		<p>The Authority's written SWMP will be reviewed and updated on an annual basis. Information developed as part of the Coalition SWMP will be incorporated in the Authority's SWMP, where applicable. In addition, the Authority will continue to investigate legal mechanisms to prohibit and prevent illicit discharges.</p> <p>Authority Measurable Goals/Timeline Erect signage on Authority property prohibiting illicit discharges (November 2005).</p>
Public, employees, businesses informed of hazards from illicit discharges	✓		<p>Authority Measurable Goals/Timeline Conduct informational stormwater workshop with Authority employees (September 2005). Stormwater training, including discussion on good housekeeping/pollution prevention practices and the hazards of illicit discharges, will be incorporated in annual employee training program.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Illicit discharges identified		✓	<p>Other Accomplishments In partnership with the Buffalo State College Geography Department, a grant proposal was developed and submitted by the WNY Stormwater Coalition to the USEPA for funding through their solicitation for Water Quality Projects under Clean Water Act, Section 104(b). The proposal involved conducting a pilot illicit discharge identification program. The pilot would utilize outfall mapping information and the initial inspection observations to help each of the MS4s identify priority outfalls. Priority outfalls will be inspected and provide the basis for examining and evaluating identification procedures to determine the source of any illicit discharges. If Buffalo State and the Coalition are unsuccessful in securing funding from this source, the proposal will be submitted to other granting agencies as appropriate solicitations are identified.</p>
ADDITIONAL ACTIVITIES			
System Mapping	✓		Refer to discussion on "Outfall Mapping" for Year Two achievements and measurable goals for Year Three.
Dye Testing		✓	This will be accomplished in Year Four.

MINIMUM MEASURE 4: Construction Site Stormwater Runoff Control

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

It is not possible to assess the effectiveness of these BMPs in reducing stormwater pollutant loadings at this point in the program, as Year One and Two measurable goals are primarily development oriented and no construction projects greater than or equal to one acre in scope were undertaken during year Two. There are no significant changes in the Construction Stormwater Management BMPs or the selected measurable goals.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED ACTIVITIES			
Require erosion and sedimentation controls through an ordinance or other regulatory mechanism	✓		<p>Measurable Goals Achieved The Authority developed a written SWMP that defines the Authority’s construction site stormwater runoff control program, BMPs and maintenance practices for BMPs. The construction site stormwater runoff control program outlines erosion and sediment control requirements and procedures for construction site plan review, public comment on construction plans, construction site waste management, site inspections, enforcement, and education and training of construction site operators. A copy of the Authority’s SWMP is available upon request (Anthony Braunscheidel: 716-884-6744 ext. 242)</p>
Provide opportunity for public comment on construction plans		✓	<p>The Authority will provide an opportunity for public comment on construction projects greater than or equal to one acre in scope beginning in Year Three.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year	
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		If YES, describe the measurable goals that were achieved and other accomplishments.	Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO		
Require construction site plan review	✓		Measurable Goals Achieved In developing the written SWMP, the Authority reviewed and updated the internal construction review process. The Authority's construction site stormwater runoff control program in the SWMP outlines current procedures for construction site plan review.	Authority Measurable Goals/Timeline Develop construction site plan review checklist (February 2006).
Require overall construction site waste management	✓		Refer to "Require erosion and sedimentation controls through an ordinance or other regulatory mechanism" for progress made in Year Two.	
Site inspection and enforcement		✓	Refer to "Require erosion and sedimentation controls through an ordinance or other regulatory mechanism" for progress made in Year Two.	Authority Measurable Goals/Timeline <ul style="list-style-type: none"> Develop site inspection checklist (February 2006). Inspect sites for compliance with regulatory mechanism and BMPs (annual). Site inspection and enforcement will be conducted for construction projects greater than or equal to one acre in scope beginning in Year Three.
Education and training of construction site operators		✓	Other Accomplishments The Coalition started developing education and training materials for Construction Site Operators in Year Two.	Authority personnel will participate in Coalition-sponsored training when available. Authority Measurable Goals/Timeline Issue stormwater requirements to construction site operators during bidding process (annual).
ADDITIONAL PRACTICES				
N/A				

MINIMUM MEASURE 5: Post-Construction Stormwater Management

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

It is not possible to assess the effectiveness of these BMPs in reducing stormwater pollutant loadings at this point in the program, as Year One and Two measurable goals are primarily development oriented. There are no significant changes in the Post-Construction Stormwater Management BMPs or the selected measurable goals.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year’s SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
REQUIRED ACTIVITIES			
Assess existing conditions throughout the MS4 and identify appropriate management practices to reduce pollutant discharge to the maximum extent practicable	✓		<p>Measurable Goals Achieved The Authority developed a written SWMP that defines the Authority’s post-construction stormwater management program. The post-construction stormwater management program identifies pertinent structural and non-structural BMPs and inspection, operation, and maintenance procedures for structural BMPs. A copy of the Authority’s SWMP is available upon request (Anthony Braunscheidel: 716-884-6744 ext. 242)</p> <p>Other Accomplishments The Coalition post-construction workgroup developed a list and description of post-construction stormwater management BMPs applicable for implementation in Western New York. This guidance document was distributed to Coalition members.</p> <p>Authority Measurable Goals/Timeline Update BMPs and incorporate into the SWMP (annual). The Authority’s written SWMP will be reviewed and updated on an annual basis, including pertinent structural and non-structural BMPs and maintenance standards. Information developed as part of the Coalition SWMP will be incorporated in the Authority’s SWMP where applicable.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Regulate post-construction runoff from development through an ordinance or other regulatory mechanism	✓		<p>Measurable Goals Achieved The Authority has proactively installed and maintained post-construction best management practices for stormwater runoff control. As a private, non-traditional MS4 operator, the Authority is fully responsible for implementing post-construction management practices, as well properly operating and maintaining them. Therefore, an ordinance or regulatory mechanism for program enforcement is not applicable.</p>
Develop management practice inspection and maintenance program	✓		<p>Authority Measurable Goals/Timeline</p> <ul style="list-style-type: none"> • Implement inspection program (September 2005). • Continue developing inspection and maintenance program (December 2005). Experiences during the initial BMP inspections will be reviewed and incorporated into the inspection and maintenance program.
ADDITIONAL PRACTICES			
N/A			

MINIMUM MEASURE 6: Pollution Prevention/Good Housekeeping

A. If Needed, Provide Additional Notes to Explain and/or Describe Changes to this Minimum Measure in Your SWMP:

Through this annual reporting process the Authority is modifying Year 2 through Year 5 measurable goals for the *Pollution Prevention/Good Housekeeping* section of our original notice of intent. The revised measurable goals are:

- Year 3: Audit facilities and identify problem areas
- Years 3-5: Revise operations and maintenance (O&M) practices in SWMP and update standard operating procedures (SOPs)
- Years 3-5: Train employees
- Year 5: Implement new O&M practices and SOPs

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		If YES, describe the measurable goals that were achieved and other accomplishments.
	YES	NO	
REQUIRED ACTIVITIES			
Prevent discharge of pollutants from municipal operations		✓	<p>Other Accomplishments The Authority developed a written SWMP that defines their pollution prevention/ good housekeeping (PP/GH) program. The SWMP includes the BMPs that the Authority is currently implementing, and outlines additional BMPs required to prevent stormwater pollution.</p>
Follow DEC NPS Management Practices catalog, or equivalent	✓		<p>Other Accomplishments At the present time, the Coalition has developed 15 PP/GH BMPs in outline format and 15 associated “user friendly” Inspection Checklists. The intent of these checklists is for municipalities to use them as references, and to document routine inspections and any necessary corrective measures to minimize stormwater pollution. They will also become a significant portion of the agenda that is being developed to train the municipal personnel that will integrate BMPs into their work activities.</p>
			<p>Authority Measurable Goals/Timeline Audit facilities and identify problem areas (November 2005).</p> <p>Authority Measurable Goals/Timeline Revise operations and maintenance practices in SWMP and update standard operating procedures (January 2006). Practices and procedures developed by the Coalition will be reviewed and incorporated into the SWMP where applicable.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		If YES, describe the measurable goals that were achieved and other accomplishments.
	YES	NO	Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
Conduct employee pollution prevention training		✓	Authority Measurable Goals/Timeline Conduct informational stormwater workshop with Authority employees (September 2005). Stormwater training, including discussion on good housekeeping/pollution prevention practices and the hazards of illicit discharges, will be incorporated in annual employee training program.
ADDITIONAL PRACTICES			
Street Cleaning	✓		Other Accomplishments The Authority Maintenance Staff cleans the Peace Bridge deck, United States Plaza, and associated roadways, sidewalks, and parking lots a minimum of four times each year, weather permitting. The first cleaning is typically conducted in spring (March or April) following the final snowmelt of the season, and on an "as-need" basis the remainder of the year. The Authority owns an Elgin Whirlwind Sweeper vehicle, which is utilized for the cleaning effort.
			The Authority Maintenance Staff will continue to clean the Peace Bridge deck, United States Plaza, and associated roadways, sidewalks, and parking lots a minimum of four times each year, weather permitting.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Catch Basin and Storm Drain System Cleaning	✓		<p>Other Accomplishments The Authority's storm sewers, catch basins, and oil/water separators are inspected on an annual basis by the Authority Maintenance Staff to identify maintenance needs. This inspection is typically conducted in spring (March or April) following the final snowmelt of the season. Stormwater conveyance facilities are cleaned on an "as-need" basis in conjunction with the annual inspection, and as required following a spill incident. Typical maintenance procedures include removal of large debris and silt from catch basins, oil/water separators, and storm piping. When sewer maintenance needs exceed the capabilities of the Authority Maintenance Staff, the Authority will contract an outside firm, who is a certified waste hauler, to complete the required work.</p> <p>The Authority Maintenance Staff will continue to inspect storm sewers, catch basins, and oil/water separators on an annual basis and clean stormwater conveyance facilities as needed.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year	
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.	
	YES	NO		
Vehicle maintenance and washing	✓		<p>Other Accomplishments The Authority owns and maintains a wash bay on the Canadian side of the Peace Bridge. All Authority-owned vehicles are washed on an "as-need" basis in this designated area, and the wash bay drains are connected to the sanitary sewer. Any vehicle or parts washing that is done on the United States side of the bridge is conducted in the Authority maintenance garage using an electric pressure washer. The floor drains in the maintenance garage are also connected to the sanitary sewer.</p> <p>Authority vehicle maintenance activities are primarily conducted off-site. Vehicles are taken to off-site maintenance shops for regular oil changes and major repairs. Minor vehicle maintenance, such as changing the oil in the Authority's lawnmowers, is conducted in the maintenance garage in the United States plaza. Wastes generated from these activities are stored in a designated waste oil container. The Authority has a contract with Noco Energy Corp. to remove and dispose of waste oil on an "as need" basis, when the designated container is full.</p>	The Authority will continue with the practices as described in the previous column.

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
	YES	NO	
Road Salt Storage	✓		The Authority will continue with the practices as described in the previous column.
			<p>Other Accomplishments</p> <p>The Authority has recently made changes in its deicing procedures in an attempt to reduce stormwater sediment loadings and maintain the integrity of the bridge and roadways. Prior to the 2002-2003 winter season, a 7:1 sand-salt mixture was used for deicing purposes. However, the corrosivity of rock salt, coupled with maintenance issues resulting from sand in the storm sewers, led the Authority to look for other alternatives.</p> <p>The Authority has selected two alternative deicing products that are targeted for specific application locations. A liquid deicer (Caliber® M2000, which is manufactured by Glacial Technologies) is applied on the bridge deck and between inspection points in the United States Plaza. This chemical was selected because of its low corrosion rate, which is just above that of distilled water. The liquid deicer is delivered in bulk and stored in a 6,000-gallon underground storage tank, from where it can be pumped onto an application vehicle.</p> <p>A treated salt (Magic Salt™) is utilized for deicing purposes in the remainder of the plaza and Authority parking lots. Like the liquid deicer, this product has no corrosive characteristics, and because it is treated, it lasts longer than traditional rock salt. To protect the stockpile of treated salt from the environment, it is stored in an above ground salt storage bin. During the summer months, any remaining salt from the previous winter season is moved adjacent to the piers underneath the Canadian side of the Peace Bridge for storage. While stored in this location, the salt reserve is covered to prevent exposure to the elements.</p>

B. Implementation of Best Management Practices			C. Activities Planned for Upcoming Year
List the planned management practices and any additional ones that you worked on.	Any done in the past year?		If YES, describe the measurable goals that were achieved and other accomplishments.
	YES	NO	Describe activities that are planned for this minimum measure for next year's SWMP. List the BMPs, measurable goals and provide a schedule/timeline for implementation.
Roadway and Bridge Maintenance	✓		<p>Other Accomplishments The Authority is proactive in maintaining the Peace Bridge and United States Plaza. The Authority has implemented an on-going work program to maintain the Authority-owned property, including pier repairs, deck maintenance, and stormwater conveyance system improvements.</p>
Spill Response and Prevention	✓		<p>Other Accomplishments The Authority has developed and implemented a standard operating procedure for personnel responding to an emergency, which includes spill response and containment procedures.</p>

VII. Monitoring and Modeling Results

No monitoring or modeling results this report period.

VIII. Summary of Funding and Use of Grant Money

The Erie County Department of Environment and Planning, in partnership with 40 traditional MS4s and 5 non-traditional MS4s, have secured \$500,000 in grant funding from NYSDEC. The grant will be used to assist the MS4s with developing and implementing their Stormwater Management Plans. Project work includes outfall mapping, a construction site inspection training program, model ordinance development and development of a Stormwater Management Plan.

IX. Implementation of BMPs and Progress Toward Achieving Measurable Goals

See summaries provided for each minimum control measure

X. Outline of the Upcoming Year’s Activities

A. Public Education and Outreach on Stormwater Impacts

Annual: Participate in Western New York Stormwater Coalition (minimum two meetings/year)

Year 3: Create a stormwater information page on the Peace Bridge website

Year 3: Make Coalition brochures available at the Administration Building

B. Public Participation/Involvement

Year 2–5: Open Stormwater Coalition meetings to the public (2 meetings/year)

Annual: Make Stormwater Management Program (SWMP) available to the public

Annual: Make SWMP Annual Report available to the public

C. Illicit Discharge Detection and Elimination

Years 2-5: Update collection system and outfalls map

Year 3: Erect signage on Authority property prohibiting illicit discharges

Years 3-5: Conduct information stormwater workshop with Authority employees

D. Construction Site Stormwater Runoff Control

Year 3: Develop construction site plan review checklist

Year 3: Develop site inspection checklist

Years 3-5: Inspect sites for compliance with regulatory mechanism and BMPs.

Years 3-5: Issue stormwater requirements to construction site operators during bidding process

E. Post-Construction Stormwater Management in New Development and Redevelopment

- Annual: Update BMPs and incorporate into the SWMP
- Years 2-4: Continue developing inspection and maintenance program
- Years 3-5: Implement inspection and maintenance program

F. Pollution Prevention/Good Housekeeping for Municipal Operations

- Year 3: Audit facilities and identify problem areas
- Year 3: Revise operations and maintenance (O&M) practices and standard operating procedures (SOPs)
- Years 3-5: Train employees

APPENDIX A
PUBLIC REVIEW MEETING DOCUMENTATION

Davidson, Jaime

From: Rossi, Mary [rossim@erie.gov]
Sent: Monday, May 09, 2005 3:11 PM
To: Wheatfield; Aurora; B. Bolents; B. Foti; B. Shearer; B. Smith; Bill Pugh; Carl Dimmig; Connie Miner; D. Goodison; D. Kubek; D. Miller; D. Pratt; D. Seider; D. Tackley; Dan Judd; Deon Lourens; Depew; Donna Chesnut; envengr@env21.com; Evans; G. Love; G. Nellis; G. Soderholm; G. Summe; Gary Bommer; George Montz; Gerry Kapsiak; Gerry Palumbo; Highways; J. Blank; J. Burroughs; J. Coughlin; Davidson, Jaime; J. Fisk; J. Goeddertz; J. Kaminsky; J. McMahon; J. Merrill; J. Newman; J. Plarr; J. Sacco; J. Shepherd; J. Volpe; J. Whitney; J.Honan; J.Whitney; Jeff Angiel; Jeffrey Pittner; Jerry Knoll; Joe Ghosen; John Wojcik; JSC; K Richardson; K. Lahti; K. Pokorski; K. Stanczewski; Harlock, Keith; Keith Sitzman; Kevin O'Brien; Kirk Rowland; ksprada; L. Dingey; L. Sedita; Lancaster(V); M. Marino; M. Merritt; M. Metzger; M. Moyer; M. Mruk; M. Pratt; M. Reagan; M. Wymer; Mark Gaston; Mark Seider; Matt Salah; Maureen Reagan; Michael Barrett; Mike Kaiser; N. Riordan; NCI; Orchard Park (T); P. Bowers; Paul Drof; Paula Smith; Peace Bridge; R. Klinczar; R. Rutkowski; R. Vallone; R.Vallone; Richard Eakin; Rick Roll; S. Waldvogel; Scott Kinsman; Steel; T. Kelleher; T. Lavocat; T. Moore; T. Plotar; T. Wheeler; T. Yarnall; Terry Ruh; Tim Walck; Tom Hersey
Subject: Public Outreach for Annual Report

As noted previously, I will be doing outreach for our Annual Report at four public libraries. I will have copies of the Annual Report for review and comment. I will also have the stormwater display and outreach materials. Any comments, etc. will be summarized and e-mailed for inclusion in your reports. Details are as follows:

- May 16: Lake Shore Library, 5-4857 Lake Shore Road, Hamburg (5:30 pm – 7:00 p.m.)
- May 17: Lancaster Library, 5466 Broadway, Lancaster (5:30 pm – 7:00 pm)
- May 18: Greenhaven Library, 350 Greenhaven Terrace, Tonawanda (5:30 pm – 7:00 pm)
- May 23: LaSalle Library, 8728 Buffalo Avenue, Niagara Falls (5:30 pm – 7:00 pm)

Details will be submitted to the Buffalo News *Around Town* section and as a standard press release in both the News and Niagara Gazette.

Mary C. Rossi
 Erie County Department of Environment & Planning
 95 Franklin Sreet
 Buffalo, New York 14202
 (716) 858-7583

 Did you know?

- New York State's \$41 billion Medicaid program is larger than the Medicaid budgets of California and Texas combined?

- Erie County's Medicaid cost has increased by \$81 million since 1999 and will rise by another \$29 million in 2005.

- That New York State runs Medicaid and sends Erie County the bill.

5/24/2005

- That you can help get New York State to reform Medicaid: Contact your state legislator in Albany.
Tell them you want Medicaid reform NOW.

THE BUFFALO NEWS

COMING UP

Geography II, and U.S. History & Government. For more information, call 683-4444.

5/15/2005

BOTANICAL GARDENS: The Great Garden Plant Sale, Dinner and Auction is Friday. Light dinner at 6 p.m., \$10; auction at 7 p.m., free and open to the public. Call 827-1584 for reservations by Monday. Proceeds to benefit the Botanical Gardens Society.

BENEFIT: Buffalo Bands for the Homeless, for runaway or homeless youth. Seeking support for its 2005 show slated for 7 p.m. June 4 at the Tralfamadore Cafe, 622 Main St. Organizers are recruiting corporate sponsors and volunteers to assist with ticket sales and promotional activities. This year's concert includes performances by Emery Nash, Tom Stahl, Liberty Bay, Rev. Taken, and a silent auction. Visit www.buffalobandsforthehomeless.com for details.

STORM WATER REPORT: A representative from Western New York Stormwater Coalition will provide information on storm water pollution and solicit public comments on annual report: 5:30 p.m. Monday at Lake Shore Library, S-4857 Lake Shore Road, Hamburg; 5:30 p.m. Tuesday at Lancaster Library, 5466 Broadway, Lancaster; 5:30 p.m. Wednesday at Greenhaven Library, 350 Greenhaven Terrace, Tonawanda. For further information, call 858-7583.

LOVEJOY HISTORY: Marge Thielman Hastreiter discusses history of the Lovejoy area and how it became known as Iron Island, at the Cheektowaga Historical Association, 7 p.m. Thursday, Alexander Community Center, 275 Alexander Ave. Free and open to the public.

REGENTS PREP: The Town of Lancaster Youth Bureau is accepting registrations for Regents Exam preparation sessions from 9 a.m. to 5 p.m. beginning Monday at 200 Oxford Ave., Lancaster. The prep sessions will run from June 1 through June 21 for Math A, Math B, Earth Science, Biology, Chemistry, Global History &

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