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:

CROSSING PATHS BUILDING FUTURES
THE PEACE BRIDGE

Buffalo and Fort Erie Public Bridge Authority MS4 SPDES No. NYR40A422

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

June 1, 2009

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 0 9

This cover page must be completed by the report preparer. Joint reports require only one cover page.

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Choose one:

This report is being submitted on behalf of an individual MS4.

Fill in SPDES ID in upper right hand corner.

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OR

○ This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed. Name of Coalition

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MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 0 9

Provide SPDES ID of each permitted MS4 included in this report.

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MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 0 9

Required Forms

- > Municipal Compliance Certification
- > Water Quality Trends
- > Minimum Measure 1
- > Minimum Measure 2
- > Minimum Measure 3
- > Minimum Measure 4
- > Minimum Measure 4 and 5
- > Minimum Measure 5
- > Minimum Measure 6
- > MS4s in impaired watersheds included in GP-0-08-002 Part IX must also complete the form *Additional Watershed Improvement Strategy Best Management Practices*.

Reporting Requirements

- * Permittees submitting an annual report for an individual MS4 must complete and submit all required forms.
- * Joint reports may be submitted by permittees with legally binding agreements as follows:
 - > <u>Each</u> MS4 contributing to a joint report must submit a Municipal Compliance Certification (MCC) form with an original signature. The MCC forms must be attached to the report.
 - > A coalition may submit information on behalf of its members as follows:
 - Submit one form for each of the Minimum Measures (and if required, Additional Watershed Improvement Strategy Best Management Practices) on behalf of all the MS4s in the coalition, or
 - 2. Complete some of the required forms on behalf of all the MS4's in the coalition and for other Minimum Measures, attach completed forms from each of the MS4s.

For example, a joint report for a coalition including four permitted MS4s may contain one form for *each* of the Minimum Measures 1-5, representing the combined work of all four participating MS4s, and *in addition*, include four separate Minimum Measure 6 forms and four separate *Additional Watershed Improvement Strategy Best Management Practices* forms provided by each of the participating permittees.

The Department will *not* accept a report form from a participating MS4 in addition to a combined report form submitted for the same Minimum Measure.

Instructions for completing forms

These forms may be completed on a computer or by hand. If completing the forms by hand, fill in circles completely and print clearly.

MCC form for period ending March 9, 2 0 0 9

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MCC form for period ending March 9, 2 0 0 9

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Section 2 - Contact Information

Provide contact information for all of the following contacts:

- 1. The Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
- 2. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c.).
- 3. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
- 4. Report Preparer (Consultants may provide company name in the space provided).

Submit a separate sheet for each contact.

For each contact, select all that apply:

- Signatory Authority (choose one of the following)
 - O Executive Officer or Ranking Elected Official
 - Duly Authorized Representative
- O Local Stormwater Public Contact
- O Stormwater Management Program (SWMP) Coordinator
- Report Preparer

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Title	
Facilities Manag	e r e r
Address	
One Peace Bridge	Plaza
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MCC form for period ending March 9, 2 0 0 9

	SPDES ID	
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- O Stormwater Management Program (SWMP) Coordinator
- Report Preparer

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MCC form for period ending March 9, 2 0 0 9

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MCC form for period ending March 9, 2 0 0 9

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Section 4 - Certification Statement	
"I certify under penalty of law that this document and all attachment direction or supervision in accordance with a system designed to as properly gathered and evaluated the information submitted. Based persons who manage the system, or those persons directly responsible information submitted is, the best of my knowledge and belief, aware that there are significant penalties for submitting false information and imprisonment for leaving violations."	ssure that qualified personnel on my inquiry of the person or ble for gathering the information, true, accurate, and complete. I am
fine and imprisonment for knowing violations." This form must be signed by either a principal executive officer or authorized representative of that person as described in GP-0-08-06	ranking elected official, or duly 02 Part VI.J.
First Name MI Last Name	
Anthony Brau	n s c h e i d e l
Title	
Facilities Manager	
Signature	

Send completed form and any attachments to the DEC Central Office at:

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

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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This report is being submitted for the reporting period ending March 9, 2 0 0 9

	SPDES ID
Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority	N Y R 4 0 A 4 2 2
Minimum Control Measure 1. Public Ed	ucation and Outreach
The information in this section is being reported (check one):	
 On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report? 	
1. Targeted Public Education and Outreach Best Manageme	ent Practices
Check all topics that were included in Education and Outreach d	uring this reporting period:
Construction Sites	
	Pesticide and Fertilizer Application
General Stormwater Management Information	Pet Waste Management
Household Hazardous Waste Disposal	○ Recycling
Illicit Discharge Detection and Elimination	O Riparian Corridor Protection/Restoration
○ Infrastructure Maintenance	○ Trash Management
○ Smart Growth	O Vehicle Washing
O Storm Drain Marking	O Water Conservation
O Green Infrastructure/Better Site Design/Low Impact Development	O Wetland Protection
● Other: S e p t i c S y s t e m s	○ None
2. Specific audiences targeted during this reporting period:	
○ Agricultural	
Residential Developers	
O Businesses General Public	
O Restaurants O Industries	
Other:	

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

SPDES ID

Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority	NYR4	0 A	4	2 2
3. What strategies did your MS4/Coalition use to achieve education this reporting period? Check all that apply:	cation and outreacl	ı goals	s du	ring
Construction Site Operators Trained	#Trained			8 6
O Direct Mailings	#Mailings			
■ Kiosks or Other Displays	# Locations			2 0
O List-Serves	# In List			
O Mailing List	# In List			
O Newspaper Ads or Articles	# Days Run			
Public Events/Presentations	# Attendees		2	7 5
School Program	# Attendees		6	4 0
○ TV Spot/Program	# Days Run			
Printed Materials:	Total # Distributed	6	9	0 0
Locations (e.g. libraries, town offices, kiosks) K i o s k s / P u b l i c E v e n t s				
County, MS4 Buildings				
Library 37Erie 4Niag				
CountySoilWaterDist.				
Other:				
Newsletter				
Web Page: Provide specific web addresses - not home page. Continued needed.	nue on next page if add	ditiona	l spa	ce is
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This report is being submitted for the reporting period ending March 9, 2 0 0 9

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Name of MS4/Coalition

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Buffalo and Fort Eric Public Bridge Authority

SPDES ID

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4. Evalu	ating/N	Aeasuring Progress	MCM 1	
		do you use to evaluateng have you been trac		ctiveness of your Education and Outreach t what frequency?
Example*	:			
Indicator:	Pı	blic phone survey		
Began Tra	cking:	2005 (year)	Frequency:	Annual (ex.: annual, monthly, biweekly)
# 1000	<u>,,</u>	**************************************		
	· ••••••••••••••••••••••••••••••••••••		(ex.: samples/parti	cipants/events)
* This indi		reased awareness of i		
Indicator:	Ed	ucation and Outreach at Comm	nunity Events	
Began Tra	cking:	2003 (year)	Frequency:	annual schedule (ex.: annual, monthly, biweekly)
# 15				
h			(ex.: samples/parti	cipants/events)
Results:	Inc	sehold level (11 ever	nts). ess of Rain Gard	er pollution and how to prevent it at the

Submit additional pages as needed.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Minimum Control Measure 1 – Education and Outreach Program (Continued)

The Authority's Public Education and Outreach Program is documented in their SWMP developed in Year 2 and is comprised of five primary outreach techniques:

- 1. Continued Western New York Stormwater Coalition (WNYSC) Participation
- 2. Development and maintenance of a stormwater webpage
- 3. Distribution of printed material developed by the Coalition
- 4. Participation in Coalition organized events and program
- 5. Displaying stormwater informational posters developed by the Coalition

Each program component is described in detail below. Additional activities completed in conjunction with the WNYSC in Year 6 are described elsewhere.

1. **Continued WNYSC Participation** – As a cooperating MS4, the WNYSC will assist the Authority with their Public Education and Outreach Program. The Authority's consultant will continue to attend WNYSC meetings and participate in other WNYSC organized events in the coming year.

Began Tracking - 2002

Frequency – On-going

Measures -

Goals – Participate in WNYSC (minimum two meetings per year)

Results – The goal was accomplished in Year 6. The Coalition held ten meetings during Year 6, with the exception of July and December. The Authority's consultants attended the following meetings:

2008 - February 15, March 14, April 11, August 15, November 14

2. Webpage – An informational webpage was created on the Authority website devoted to stormwater issues relevant to the community. This webpage includes a general description of the stormwater Phase II regulations; pollutants of concern and their sources; the purpose of stormwater management and how the public can become involved; scheduled community events; links to Coalition internet site and brochures; Authority stormwater contact information; and the electronic versions of the Authority's draft and final SWMPARs. The webpage is intended to augment other media for the disseminating stormwater related information and materials to the public. The website was jointly developed in year 4 by the Authority's consultant and IT personnel and both will continue to work together to review and update the website content on a monthly basis or as necessary.

Began Tracking - 2006

Frequency - Maintain/update on a monthly basis - On-going

Measures -

Goals – Create a stormwater information page on the Peace Bridge website

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Results – The goal was accomplished in Year 6. The website has been reviewed on a monthly basis and updated as necessary.

3. **Printed Material** – The Coalition has developed stormwater informational brochures and posters for stakeholders throughout Western New York. The Authority will make the brochures developed by the Coalition available at the Administration Building, as well as on the website. The Authority Facilities Manager and Administrative personnel are responsible for maintaining the brochures.

Began Tracking – 2005

Frequency - On-going

Measures -

Goals – Make Erie County brochures available at the Administration Building

Results – The goal was accomplished in Year 6. Additional brochures are given to the Authority as they become available

4. **Events and Programs** – The Authority's consultant will assist in the public presentations organized by the Coalition as necessary. The Authority will include notice of informational stormwater presentations by the Coalition on the stormwater website and encourage attendance at the bi-annual public meetings of the Coalition. In addition, Authority personnel will attend and participate in Construction Site Stormwater Runoff and Pollution Prevention/Good housekeeping training activities sponsored by the Coalition when offered.

Began Tracking – 2002

Frequency - On-going

Measures -

Goals – Participate in presentations to community groups (organized by WNYSC). Information and attendance logs are available upon request from Erie County DEP 858-7583 – Mary Rossi.

Results – The goal was accomplished in Year 6. Additional brochures are given to the Authority as they become available

5. **Displays** – The Coalition has developed stormwater informational posters and displays. The Authority will display the posters developed by the Coalition in the Administration Building.

Began Tracking - 2006

Frequency - On-going

Measures -

Goals – Display WNYSC stormwater poster in Administration Building

Results – The goal was accomplished in Year 6.

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority					N	Y R	4	0	A	4	2	2
Minimum Control Measure 2.	Public In	vol	ven	ent	t/P	artic	ipa	ati	<u>on</u>			
The information in this section is being reported (check	one):											
 On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this re 	port?											
1. What opportunities were provided for public development, evaluation and improvement of (SWMP) Plan during this reporting period?	f the Storm	nwa	iter N	/Ian					rar	n		
Cleanup Events			٠			#Even	its					2
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Other: Household Hazar	dou	s V	v a	s	t	e E	v	е	n	t	s	
2. Was public notice of availability of annual re (SWMP) Plan provided?	port and S	Stor	mwa	ter	M	anage	me		Pro Ye	_		No
O List-Serve						# In Li	st					
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Other: Library Outrea	c h r	n	7 6	<u></u>	_	r	۵	7	۵	_	~	_

This report is being submitted for the reporting period ending March 9, $\begin{bmatrix} 2 & 0 & 0 \end{bmatrix}$ 9

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Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority

SWMP) Plan and submit comments on those documents?

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 0 9

3. Where can the public access copies of the annual report, Stormwater Management Program

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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This report is being submitted for the reporting period ending March 9, 2 0 0 9

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Name of MS4/Coalition Buffalo and Fort Erie Public Bridge Authority	N Y R	4	0	A 4	2	2
4. Were comments received during this reporting period? If Yes, attach comments, responses and changes made to SWMP in response report.	oonse to c	com		Yes nts to		No
If submitting a report for single MS4, answer 5.a If submitting a joint	report, a	nsw	er :	5.b		
5.a. Was an Annual Report public meeting held in this reporting period If Yes, what was the date of the meeting?	d?		o /[Yes	•	No
If No, is one planned?			0	Yes	•	No
5.b. Was an Annual Report public meeting held for all MS4s contribut this reporting period?	ting to tl			ort d Yes		ng No
If No, is one planned for each?			0	Yes	0	No

Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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6.	Evaluatin	g/M	easuring Progress	MCM 2	
					ectiveness of your Public u been tracking them and at what frequency?
Ex	ample*:				
Inc	dicator:	Num	ber of attendees at public evo	ents	
Be	gan Trackin	g: [2005 (vear)	Frequency:	Annual (ex.: annual, monthly, biweekly)
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				(ex.: samples/part	icipants/events)
* 7	This indicato	r is p	rovided as an examp	ple only.	
Ina	licator:	Parti	cipation in Household Hazard	dous Waste Collections	
Beş	gan Trackin	g:	2003 (year)	Frequency:	annual (ex.: annual, monthly, biweekly)
#	HHW: 2,630 p	articipa	ints; 3 events; Pharmaceutica	d: 117 participants; 1 eve	nt
				(ex.: samples/parti	cipants/events)
Res			e oil - 2,025 gal./As cides - 9,846 lbs./A		al./Gasoline - 390 gal./Paint - 19,780 gal./ s - 1,925 gal.
					nty) - Solid Dosage Units/Liquids - 26lbs./ ns, Non-controlled substances 265 lbs.

Submit additional pages as needed.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Minimum Control Measure 2 – Public Involvement/Participation (Continued)

The Authority's Public Involvement and Participation Program is documented in their SWMP developed in Year 2. 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.

Components of the Authority's program are described below. As a cooperating MS4, the WNYSC will assist the Authority with their Public Involvement and Participation Program. Additional activities completed in conjunction with the WNYSC in Year 6 are described in "Additional Techniques".

1. Public Access to Documents and Information – The Authority will make the following documents available to the public: Notice of Intent, draft and final Annual Reports, SWMP summary, stormwater informational brochures and displays. These are available both at the Administration Building and through the stormwater page on the Authority's website (www.peacebridge.com). The Authority's Facilities Manager and Administrative personnel maintain hardcopy documents while the Authority's consultant and IT personnel maintain documents on the website.

Schedule - On-going

Measures -

Goals – Make Stormwater Management program (SWMP) available to the public.

Results – The goal was accomplished in Year 6. Hardcopies of the SWMP were available on request from the Stormwater Contact and at the Administration Building. The documents listed are also posted on the stormwater page on the Authority's website.

- 2. **Public Notice Venues** Public notice information will be distributed utilizing a minimum of one of the following venues:
 - a. Notice will be sent to Authority personnel, tenants, and interest groups through email distribution lists,
 - b. Public notice information will be posted on stormwater page of the Authority's website,
 - c. A public notice will be run in the local newspaper.
- 3. WNYSC Meetings The WNYSC opens its meetings to the public two times per year, in October and in April, to enhance public access to information and encourage involvement. The meetings consist of a brief overview of the stormwater regulations and how the public can be involved. The public in attendance are invited to participate in any of the Coalition's workgroups. The draft Annual Report, public education materials and other information are provided.

Frequency – Bi-annual

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Measures -

Goals – Open WNYSC meetings to the public

Results – The goal was accomplished in Year 6. April 9, 2008 and October 8, 2008 were made open to the public.

4. Public Presentation and Comments received on SWMP and Annual Report -

- a. The draft Year 6 Annual Report was posted on the Authority's website for review and comment in May 2009,
- b. Hard copies of the draft Year 6 Annual Report were available on request from the Stormwater Contact,
- c. Additional opportunities for public review of the Annual Report were at six public libraries (four in Erie County, two in Niagara County). The library outreach is conducted by Erie County staff to receive public comment on the draft Annual report and also use the public education display and public education materials for general outreach,
- d. Similar activities will be conducted in the coming year.

Began Tracking – 2002

Frequency – On-going

Measures -

Goals – Make SWMP Annual Report available to the public.

Results – The goal was accomplished in Year 6.

Permit Reference IV.C.2.a, f: Develop procedures to provide public notice about and access to documents and information in a manner that complies with state and local public notice requirements.

• Open WNYSC meetings and opportunities for annual report review at library events are publicized via press release to the Buffalo News, Niagara Gazette and all weekly community newspapers serving the regulated municipalities by the WNYSC, and are also listed on the Authority's stormwater website in May. Availability of the draft Annual Report for review from the Administration Building and Stormwater contact is also promoted on the Authority's website. In May, the Authority posts the draft annual report on their website for review and comment by the public.

Permit Reference IV.C.2.e: Public presentation of; **f**: summary of comments received on; and **g**: intended response to comments on the SWMPAR.

Additional Techniques (Completed in conjunction with the WNYSC)

1. **Stream, Beach, Roadway Cleanups** – The WNYSC is working in cooperation with the Buffalo Niagara Riverkeepers, a local watershed organization, on spring and fall cleanup

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

events such as the beach Sweep U.S.A. (Autumn), Great American Cleanup (March-May); Spring Shoreline Sweep (April).

2. Household Hazardous Waste Collections -

- Erie County held three household hazardous waste collections in 2008. The following amounts were collected:
 - Waste oil -2,025 gal.
 - Antifreeze 515 gal.
 - Gasoline 390 gal.
 - Paint 19,780 gal.
 - Pesticides 9,846 lbs.
 - Acids & Oxidizers 1,925 gal.

This report is being submitted for the reporting period ending March 9, 2 0 0 9

Buffalo and Fort Frie Bublic Dride	SPDES ID
Name of MS4/Coalition Buffalo and Fort Eric Public Bridg	N Y R 4 0 A 4 2 2
Minimum Control Measure 3.	. Illicit Discharge Detection and Elimination
The information in this section is being reported	d (check one):
 On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to 	o this report?
1. Enter the number and approx. percen	nt of outfalls mapped: 7 # 1 0 0 %
2. How many of these outfalls have been reporting period (outfall reconnaissan	screened for dry weather discharges during this ace inventory)?
3.a. What types of generating sites/sewers reporting period?	heds were targeted for inspection during this
O Auto Recyclers	○ Landscaping (Irrigation)
O Building Maintenance	○ Marinas
○ Churches	O Metal Plateing Operations
O Commercial Carwashes	Outdoor Fluid Storage
O Commercial Laundry/Dry Cleaners	O Parking Lot Maintenance
O Construction Vehicle Washouts	O Printing
○ Cross-Connections	O Residential Carwashing
O Distribution Centers	○ Restaurants
O Food Processing Facilities	O Schools and Universities
O Garbage Truck Washouts	O Septic Maintenance
O Hospitals	O Swimming Pools
O Improper RV Waste Disposal	O Vehicle Fueling
O Industrial Process Water	O Vehicle Maint./Repair Shops
Other:	O None
Sewersheds:	

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This report is being submitted for the reporting period ending March 9, 2 0 0 9

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Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

SPDES ID

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12. Evalua	ting/N	Measuring Progress	s MCM 3									
	What indicators do you use to evaluate the overall effectiveness of your Illicit Discharge Elimination Program, how long have you been tracking them and at what frequency?											
Example*:												
Indicator:	Nu	umber of illicit discharges ide	ntified/eliminated									
Began Trac	king:	2005	Frequency:	Monthly inspections								
		(year)		(ex.: annual, monthly, biweekly)								
# 25 illicit d	ischarges	identified/24 eliminated										
			(ex.: samples/parti	cipants/events)								
Results: * This indicate	trac		icit discharges tha	tions has doubled. We have developed a three been identified are being eliminated, on								
Indicator:	Re	view and Update Stormwater	Management Plan									
Began Traci	king:	2002	Frequency:	Annually								
<u> </u>		(year)		(ex.: annual, monthly, biweekly)								
#			***									
			(ex.: samples/parti	cipants/events)								
Results:	This Aug	goal was accompligust 2008 and revisi	ished in Year 6. Toons to the SWMP	The Authority's SWMP was reviewed in were not required at this time.								

Submit additional pages as needed.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Minimum Control Measure 3 – Illicit Discharge and Detection Elimination - IDDE (Continued)

1. **Stormwater Management Program** – In Year 2, the Authority developed a written SWMP that outlines a process for identifying existing illicit discharges and states that illicit discharges are prohibited on Authority property. A copy of the Authority's SWMP is available upon request from the Contact. The Authority's written SWMP will be reviewed and updated by the Authority's consultant on an annual basis. Information developed as part of the WNYSC SWMP will be incorporated in the Authority's SWMP, when applicable.

Began Tracking – 2002

Frequency – On-going / annual

Measures -

Goals – Review and update SWMP annually.

Results – This goal was accomplished in Year 6. The Authority's SWMP was reviewed in August 2008 and revisions to the SWMP were not required at this time.

- 2. **IDDE Prevention Program** –The Authority will utilize the following mechanisms to prohibit and prevent illicit discharges and the procedures to be followed on Authority property:
 - Authority employees will be trained on illicit discharges and the procedures to be followed on Authority property. Enforcement procedures for violations will be outlined during the training.
 - Tenants on the Authority's properties will be notified of the need to adhere to State and local laws prohibiting illicit discharge.
 - NYSDOT Standard Specifications for water quality protection and temporary soil erosion and sediment control will be incorporated or referenced in all construction/bid documents as a basis for construction site stormwater runoff control (refer to Minimum Control Measure 4).

Measures -

Goals – Notify Authority's tenants of the needs to adhere to stormwater management practices.

Results –The Authority's consultant researched example lease agreement language and began drafting text for use in the Authority's tenant leases; however, in conjunction with the EIS that the Authority is currently undertaking for a new bridge and plaza, the current tenant leases are being renegotiated. Until such time as lease agreements may be amended, the Authority has issued a letter to all tenants. This letter informs all tenants of the Authority's stormwater program and requests their compliance.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

3. Stormwater Conveyance System Inspection and Mapping Updates – The Authority will complete a field walk-through and visually inspect the stormwater conveyance system on an annual basis. Information gathered during the walk-through will be used to update base mapping. Inspections will be completed by a 2-3 person team comprised of Authority personnel and the Authority's consultant.

In Year 4, a comprehensive inspection of each conveyance system facility was completed to confirm system mapping and document the existing condition of each facility. The Authority has 7 outfalls, all of which are inter-municipal subsurface conveyances, and 100% of these have been mapped in CAD. The Authority also has 3 storm sewer-sheds which have been delineated on the mapping. A formal numbering convention was developed and a unique number was assigned to each stormwater facility for future tracking purposes. Inspections were documented using the Authority's detailed inspection form that was included in the Year 3 Annual Report. The data gathered will be used to prioritize cleaning and maintenance efforts.

Began Tracking – 2006

Frequency – On-going, last inspection on November 5, 2008.

Measures -

Goals – Update collection system and outfalls map.

Results – The goal was accomplished in Year 6. All seven locations were inspected on November 5, 2008. Of these, six were inspected using a CCTV camera and one was inspected visually. Of the seven locations inspected, two were found not to exist (i.e., they are not outfalls); two were observed to be combined sanitary and storm sewer outfalls, not separate storm sewer outfalls; and three were storm sewer outfalls in good structural condition. In addition, several discrepancies were observed between the Authority's Sewer Drainage Plan and actual field conditions. The Sewer Drainage Plan has been revised according to field observations.

4. Illicit Connection Identification and Dye Testing – In Year 4 dye testing was utilized to confirm the configuration of the Authority's stormwater collection system and identify illicit connections on Authority property. Specifically, dye testing was used to determine the connection point of building floor drains and any suspect facilities identified during the comprehensive field walk-through.

In subsequent years, illicit connections will be identified through the annual visual inspection of facilities and dye testing will be performed on specific facilities on an as-needed basis.

Began Tracking-2006

Frequency - On-going

Measures -

Goals - Dye testing and tracking of storm sewer system, identify illicit connections.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Results – The goal was accomplished in Years 4 (dye testing) and Years 5 & 6 (facility inspections and CCTV inspection).

5. Employee Stormwater Training – The Authority will organize and conduct training sessions for employees on stormwater management. Topics will include, at a minimum, an overview of stormwater and the SPDES permit requirements; the potential impacts of illicit connections and discharges on stormwater and how they can be detected and eliminated; best management practices for stormwater management; review of the Authority's Stormwater Management Program; and standard operating procedures.

Began Tracking - 2006

Frequency – Initial training conducted in Year 5, repeated on a two year schedule thereafter.

Measures -

Goals - Conduct informational workshop with Authority employees.

Results – The goal was accomplished in Year 5. An initial training session was held on Oct 15, 2007. Attendance records are available upon requests from Parsons, 716.541.0743 - Thomas Boyle.

6. WNYSC GIS Outfall Mapping (Completed in conjunction with the WNYSC) —
The initial GIS mapping of outfalls for the WNYSC members was completed in November 2006. All data was reviewed by MS4s for QA/QC purposes and the necessary revisions, additions and deletions were completed by November 2007.

An initial visual inspection was conducted by the outfall mapping contractor on each of the outfalls mapped during the Year 3 and Year 4 reporting periods. The information and data detailing the inspections was made available to all of the MS4s by the contractor as part of the GIS mapping database.

The outfall mapping data has been incorporated into a GIS database which all of the member MS4s have access to through the Erie County web site (http://gisl.erie.gov/website/ENSSO/viewer.htm). This database of information, as well as the map, is being used to implement the IDDE programs, track potential discharges and set goals for the IDDE program. Erie County's GIS Department maintains the outfall mapper and has established procedures for MS4s to update their records and add/remove outfalls as needed. A standardized form to update the outfall map has been distributed.

Measures -

Goals – Develop procedures for updating outfall mapping.

Results - The goal was accomplished in March 2008.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

7. **IDDE Program Procedures and Protocol** - An Illicit Discharge Detection & Elimination Program protocol has been developed and incorporated into the WNYSC Stormwater Management Plan. This protocol was evaluated and refined through a pilot IDDE track down project with Buffalo State College.

Measures -

Goals – Develop procedures and protocols for Illicit Discharge Detection and Elimination.

Results – On March 6, 2009, an Illicit Discharge Training that focused on sampling outfall discharges, track down procedures, source identification and elimination was held and attended by the Authority's consultant.

8. Illicit Discharge Public Outreach - Industry specific brochures have been developed for nine targeted industry and business groups informing them of how they can prevent stormwater pollution. These brochures are available on the Peace Bridge and Erie County websites, and printed copies are available at the Administration Building. Direct mailing to the construction related businesses, registered pesticide applicators, restaurants, automotive repair facilities, mobile cleaners, pool, spa & fountain operators, concrete operations, roadway and paving operations and hospitals and healthcare facilities in Erie and Niagara Counties has been completed. If necessary the WNYSC will develop additional industry specific brochure(s) should any new targeted priority business groups emerge among the MS4s.

Measures -

Goals - Develop public outreach brochures.

Results – The goal was accomplished.

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	•	SPI)ES	ID						
Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority		N	Y	R	4	0	А	4	2	2

<u>Minimum Control Measures 4 and 5.</u> <u>Construction Site and Post-Construction Control</u>

The information in this section i	s beir	ng reported (chec	ck one):	
On behalf of an individual MSOn behalf of a coalitionHow many MS4s		tributed to this i	report?	
Has each Town, City and other regulatory mechan Permit for Stormwater I	ism	that provides o	equal protection to the NYS	I a law, ordinance or SPDES General O Yes • No
If Yes, provide date of equ	iivale	ent NYS Sampl	e Local Law.	○ 09/2004 ○ 03/2006
2. Does your MS4/Coalition	ı hav	ve a SWPPP re	view procedure in place?	
3. How many Construction reviewed in this reportin			tion Prevention Plans (SWP	PPs) have been
4. Does your MS4/Coalition comments related to cons				ion of public ● Yes ○ No
If Yes, how many public c	omn	ients were recei	ved during this reporting peri	od?
5. Does your MS4/Coalition SWPPP process?	pro	ovide education	and training for contractor	rs about the local Yes O No
6. Identify which of the follower period for construction a do not have authority:			orcement actions you used d he number of actions, or no	
O Notices of Violation	#		○ No Authority	
O Stop Work Orders	#		O No Authority	
O Criminal Actions	#		○ No Authority	
O Termination of Contracts	#		○ No Authority	
O Administrative Fines	#		O No Authority	
O Civil Penalties	#		O No Authority	
O Administrative Orders	#		○ No Authority	
O Other	#		O No Authority	

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority	NY	Z R	4	0	Α	4	2	2

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

Th	e information in this section is being reported (check one):			
	On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report?			
1.	How many construction projects have been authorized for disturbances of one a during this reporting period?	cre or		: 0
		<u></u>		
2.	How many construction projects disturbing at least one acre were active in your	r jurisc	lictio	n
	during this reporting period?		1	0
3.	What percent of active construction sites were inspected during this reporting p	eriod?		%
4.	What percent of active construction sites were inspected more than once?			% %
5.	Do all inspectors working on behalf of the MS4s contributing to this report use	the NY	S	
	Compton of an Stamment on Incompting Manager	• Yes	O N	Ιo
6.	Does your MS4/Coalition provide public access to Stormwater Pollution Preven (SWPPPs) of construction projects that are subject to MS4 review and approval		ans	
		Yes	\circ N	lo
	If Yes, use the following page to identify location(s) where SWPPPs can be accessed			

This report is being submitted for the reporting period ending March 9, 2 0 0 9

	- 5 P I	UES							
Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority	N	1	R	4	0	Α	4	2	2
6. con't.:									
Submit additional pages as needed.									
■ MS4/Coalition Office									
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Facilities Manager									
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This report is being submitted for the reporting period ending March 9, 2 0 0 9

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Name of MS4/	Coaliti	on Buffalo and Fort Eric Pu	blic Bridge Authority			N	YF	4	0	A 4	4	2 2	
7. Evaluating/Measuring Progress MCM 4													
What indicators do you use to evaluate the overall effectiveness of your Construction Site Stormwater Management Program, how long have you been tracking them and at what frequency?													
Example*:													
Indicator:	Per	cent SWPPPs reviewed			With the second							***************************************	
Began Track	ing:	2005 (year)	Frequency:	Upon submissi	on (ex.: annu	al, n	onthly.	biwee	kly)				
# 50 SWPPPs													
(ex.: samples/participants/events)													
Results:	Results: 100% of SWPPPs were reviewed. 50% of the SWPPPs reviewed were returned with comments. All of these were returned with modifications reflecting NYS Standards.												
* This indica	tor is	provided as an exam	ple only.										
Indicator:	Dev	velop construction site plan re	view checklist	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
Began Track	ing:	2006 (year)	Frequency:	Complete	(ex.: annu	al n	outhly	hiwaa	kho)				
#		Geary			(cor. minu			Distr				,	
			(ex.: samples/parti	cipants/events)			***************************************						
Results:		goal was accompli truction site plan re									end	lix	

Submit additional pages as needed.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Minimum Control Measure 4— Construction Site Stormwater Runoff Control (Continued)

In Year 2, the Authority developed a written SWMP that defines their construction site stormwater runoff control program, best management practices (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).

The Authority's written SWMP will be reviewed and updated on an annual basis. Information developed as part of the Coalition SWMP, including BMP maintenance standards, will be incorporated in the Authority's SWMP where applicable.

Frequency - On-going / annual

Measures -

Goals - Review and update SWMP annually.

Results – This goal was accomplished in Year 6. The Authority's SWMP was reviewed in August 2008 and revisions to the SWMP were not required at this time.

- 1. Construction Site Plan Review Procedures The Authority is a private, non-traditional MS4 operator, and, as a result, has full control over all construction projects on its property. Bid documents and design drawings for any work completed on Authority property will be developed under the Authority's direction by consultants under contract with the Authority. As part of the design phase of each project, the Facilities Manager or Authority's consultant will review the SWPPP and design drawings in detail and provide feedback on stormwater-related issues, such as potential water quality impacts and consistency with Authority sediment and erosion control requirements. The following three standard review checklists were incorporated into the Authority's SWMP (Appendix G) in August 2006:
 - 1. Example Checklist for Preliminary Stormwater Management Plan Preparation and Review (New York State Stormwater Management Design Manual, October 2001)
 - 2. Example Checklist for Final Stormwater Management Plan Preparation and Review (New York State Stormwater Management Design Manual, October 2001)
 - 3. Stormwater Pollution Prevention Plan (SWPPP) Checklist (New York Standards for Erosion and Sediment Control, March 2003)

Frequency – Complete

Measures -

Goals – Develop construction site plan review checklist.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Results – This goal was accomplished in Year 4. The three standard checklists listed above have been incorporated into the Authority's SWMP (Appendix G) to assist with construction site plan review.

2. Erosion and Sediment Control Requirements – The Authority requires that proper erosion and sediment control practices are implemented on all construction projects on Authority property greater than or equal to one acre in size. All erosion and sediment controls shall be designed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control, and stamped by a licensed New York State Professional Engineer. The Authority will include this requirement in specifications for each construction project. NYSDOT Standard Specifications for water quality protection and temporary soil erosion and sediment control will be incorporated or referenced in all construction/bid documents as a basis for construction site stormwater runoff control.

If erosion and sediment controls for a project have been specified but not designed by the project engineer, control methods must be designed and stamped by a licensed New York State Professional Engineer and submitted to the project engineer for approval. Work may not commence until the contractor receives written approval from the project engineer that the controls are acceptable as designed. Construction site operators are required to implement erosion and sediment control management practices as designed or specified and approved by the project engineer at all times throughout the construction duration.

Measures -

Goals – Incorporate Erosion and Sediment Control Requirements on all construction projects.

Results – There were no construction projects greater than or equal to one acre in scope in Year 6. The Authority decided that they will continue to incorporate or reference NYSDOT Standard Specifications in all construction/bid documents as a basis for construction site stormwater runoff control, and these can be modified, as necessary, on a project-by-project basis.

3. Public Comment on Construction Plans – The Authority will provide an opportunity for public comment on construction projects greater than or equal to one acre in scope, and will comply with State and local public notice requirements when advertising in the public notice venues described in Minimum Control Measure 2. Comments received will be documented and given consideration in finalizing the construction plans.

Measures -

Goals – Inform public and provide opportunity for comment on projects greater than or equal to one acre in scope.

Results – There were no construction projects greater than or equal to one acre in scope in Year 6.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

4. Site Inspections – The Authority will contract with an independent consultant to provide construction oversight and inspection on all projects greater than one acre. The consultant will be responsible for ensuring all erosion and sediment controls are installed as designed or approved by the project engineer. Authority maintenance personnel will also periodically conduct a site walk-through to verify stormwater controls are in place and operating as designed. A standard inspection checklist, entitled "Stormwater-Related Maintenance Tracking Form – Construction Site Inspection," was developed and incorporated into the Authority's SWMP (Appendix G) in August 2006.

Began Tracking - 2006 Frequency - On-going

Measures -

Goals – Develop site inspection checklist;

- Inspect sites for compliance with regulatory mechanism and BMPs.

Results – This goal was accomplished in Year 4. A standard inspection checklist, entitled "Stormwater-Related Maintenance Tracking Form – Construction Site Inspection," was developed and incorporated into the Authority's SWMP (Appendix G) to assist with construction site inspection.

- There were no construction projects greater than or equal to one acre in scope in Year 6, therefore site inspections were not required.
- 5. **Enforcement** Enforcement requirements will be determined on a project-by-project basis, and penalties for non-compliance with the Authority's stormwater construction site stormwater runoff control program will be documented in the project specifications. The NYSDOT Standard Specification for prosecution and progress will be incorporated or referenced in all construction/bid documents as a basis for construction site stormwater runoff control enforcement.

Began Tracking – 2006

Frequency – On-going. To be implemented on jobs equal or greater than one acre in scope.

Measures -

Goals – Issue stormwater requirements to construction site operators during bidding process

Results – There were no construction projects greater than or equal to one acre in scope in Year 6. The Authority decided that they will continue to incorporate or reference NYSDOT Standard Specifications in all construction/bid documents as a basis for construction site stormwater runoff control, and these can be modified, as necessary, on a project-by-project basis.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

6. **Distribute Educational Materials to Construction Site Operators** – The public education materials developed for contractors will be distributed by the WNYSC via direct mail and also made available over the internet.

Frequency - On-going as needed

Measures -

Goals – Distribute as required, also make available via the internet.

Results – The goal was accomplished in Year 6.

O None

Other: No

t

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

			SPDES II	D
Name of MS4/Coalition Buffalo and I	Fort Eric Public Bridge Author	rity	N Y F	8 4 0 A 4 2 2
Minimum Control	Measure 5. Post	-Construction	on Stormwater	Management
The information in this section is	s being reported (che	ck one):		
On behalf of an individual MSOn behalf of a coalitionHow many MS4s	secontributed to this	report?		
1. How many and what type MS4/Coalition inventoried	of post-construction , inspected and mair	stormwater matained in this i	anagement practice eporting period?	s has your
	# Inventoried	# Inspections	# Times Maintained	
 Alternative Practices 	1	2	2	
O Filter Systems				
O Infiltration Basins				
Open Channels				
O Ponds				
O Wetlands	Add the second s			
• Other	1	1		
2. Do you use an electronic BMPs, inspections and n		ıbase, spreads	heet) to track pos	t-construction ● Yes ○ No
3. What types of non-struct Development/Better Site	ural practices have Design/Green Infr	e been used to astructure pri	implement Low I nciples?	mpact
O Building Codes				
O Comprehensive Planning				
Overlay Districts				
○ Zoning				

t i m e

t h i s

a p p 1 i c a b

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

SPDES ID

Nai	ne of MS4/0	Coalitio	n Buffalo and Fort Erie P	ublic Bridge Authority			N	YR	4	0	A 4	2	2					
W]	4. Evaluating/Measuring Progress MCM 5 What indicators do you use to evaluate the overall effectiveness of your Post-Construction Stormwater Management Program, how long have you been tracking them and at what frequency?																	
Ex	Example*:																	
Ind	Number of reports of flooding during storm events from business district																	
Beş	gan Track	an Tracking: 2005 Frequency: Annual Summary								ary (ex.: annual, monthly, biweekly)								
#	18																	
	(ex.: samples/participants/events)																	
Res	During this reporting period, we experienced average rainfall, but DPW records show that the number of incidences of flooding in the business district fell 25%. This is attributable to increased inspection and maintenance of post construction BMPs.												7					
* 7	this indicat	tor is p	rovided as an exan	iple only.														
Ind	licator:	Inspe	ction and maintenance of	stormwater conveyance sys	stems													
Beg	gan Tracki	ing:	2003 (year)	Frequency:	On-going / ann	ual (ex.: annu	al, me	onthly, b	iweek			************						
#	See below	***************************************					••••											
		***************************************	V. C. C. C. C. C. C. C. C. C. C. C. C. C.	(ex.: samples/parti	icipants/events)			Projection of the Projection o										
This goal was accomplished in Year 6. Authority personnel inspected catch basins March 2008 and July 2008; catch basins were cleaned July 7-18, 2008; interior stor facilities were cleaned in the US shop in July 2008; and oil/water separators were inspected July 17, 2008 and cleaned on July 17, 2008.											s in							

Submit additional pages as needed.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Minimum Control Measure 5 – Post-Construction Stormwater Management (Continued)

Structural Management Practices – The Authority has proactively implemented structural
post-construction BMPs, including oil/water separators and an in-line spill containment
system, and will continue to utilize these structural post-construction BMPs to address
stormwater runoff from new development and redevelopment projects that disturb greater
than or equal to one acre.

The existing structural BMPs will be evaluated on an annual basis to ensure their appropriateness and effectiveness in reducing stormwater runoff impacts to the maximum extent practicable. Structural BMPs will be updated as necessary during the annual SWMP review to reflect changing conditions on Authority property.

Frequency – On-going / annual

Measures -

Goals – Update BMP and incorporate into the SWMP

Results – This goal was accomplished in Year 6. The Authority's SWMP was reviewed in August 2008 and revisions to the SWMP were not required at this time.

2. Stormwater Conveyance System Inspection and Maintenance –The Authority's storm sewers, catch basins, and post-construction BMPs (i.e., 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 and documented on the Authority's detailed inspection form.

Stormwater conveyance facilities are cleaned on an "as-needed" 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 stormwater facilities. 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.

Frequency – On-going / annual

Measures -

Goals – Continue to develop inspection and maintenance program

Results –This goal was accomplished in Year 4. A comprehensive system inspection was completed the week of April 10, 2006. Recommendations from this inspection were documented in a memorandum. This work was used to further refine the inspection and maintenance program, which is now set and fully operational.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Goals - Implement inspection and maintenance program.

Results - This goal was accomplished in Year 6. Authority personnel inspected catch basins in March 2008 and July 2008; catch basins were cleaned July 7-18, 2008; interior storm facilities were cleaned in the US shop in July 2008; and oil/water separators were inspected July 17, 2008 and cleaned on July 17, 2008.

^{*} As a private, non-traditional MS4 operator, the Authority is fully responsible for implementing post-construction management practices, as well as properly operating and maintaining them. Therefore, a regulatory mechanism for program enforcement is not required.

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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		SPI	DES	ID						
Name of MS4/Coalition	Buffalo and Fort Eric Public Bridge Authority	N	Y	R	4	0	A	4	2	2

Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported (ch	eck one):										
On behalf of an individual MS4On behalf of a coalition	ł										
How many MS4s contributed to this	report?										
1. Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program(SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.											
			Self-Assess Operation/Activ								
			performed within								
Operation/Activity/Facility	Addressed i	n SWMP?									
Street Maintenance	• Yes	O No	• Yes	=							
Bridge Maintenance		~ 1,0,,	🐷 1 🐯	O No							
	• Yes		Yes	○ No ○ No							
Winter Road Maintenance		○ No									
Winter Road Maintenance	• Yes	○ No ○ No	• Yes	O No							
	9 Yes	○ No ○ No ○ No	● Yes	○ No ○ No							
Salt Storage	• Yes • Yes • Yes	○ No ○ No ○ No ○ No	● Yes ● Yes ○ Yes	○ No○ No○ No							
Salt StorageSolid Waste Management New Municipal Construction and Land Disturba Winter Road Maintenance	9 Yes 9 Yes 9 Yes nce 9 Yes 9 Yes	O No O No O No O No O No O No	 Yes Yes Yes Yes Yes Yes Yes 	NoNoNoNoNoNoNoNo							
Salt Storage		NoNoNoNoNoNoNoNo	 Yes Yes Yes Yes Yes Yes Yes Yes Yes 	NoNoNoNoNoNoNo							
Salt Storage Solid Waste Management New Municipal Construction and Land Disturba Winter Road Maintenance Right of Way Maintenance Marine Operations	9 Yes 9 Yes 9 Yes nce 9 Yes 9 Yes 9 Yes 9 Yes	NoNoNoNoNoNoNoNoNoNo	 Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes 	NoNoNoNoNoNoNoNoNoNoNoNo							
Salt Storage	9 Yes 9 Yes 9 Yes nce 9 Yes 9 Yes 9 Yes 9 Yes 9 Yes 9 Yes	NoNoNoNoNoNoNoNoNoNo	 Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes 	NoNoNoNoNoNoNoNoNoNoNo							

○ No ○ Yes

○ No Yes

○ No Yes

○ No Yes

O No

O No

O No

Municipal Building..... 9 Yes

Stormwater System Maintenance..... Yes

Vehicle and Fleet Maintenance..... • Yes

Other...... • Yes

This report is being submitted for the reporting period ending March 9, 2 0 0 9

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPDES ID			
Name of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority	NYR4	0 A	4 2	2
2. Provide the following information about municipal operation	ns good housekeep	ing pr	ogra	ms:
Parking Lots Swept	# Acres			1
Streets Swept	# Miles			2
Catch Basins Inspected and Cleaned Where Necessary	#			
Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary	#			2
O Phosphorus Applied In Chemical Fertilizer	# Lbs.			
O Nitrogen Applied In Chemical Fertilizer	#Lbs.			$\overline{\Box}$
O Pesticide/Herbicide Applied As Pure Product	# Lbs.			$\overline{\mathbb{I}}$
3. How many stormwater management trainings have been produring this reporting period?	ovided to municipa	l empl	oyee	s 1.
4. What was the date of the last training?	11/12	/ 2	0 0	8
5. How many municipal employees have been trained in this re	eporting period?	[1
6. What percent of municipal employees in relevant positions a stormwater management training?	and departments re	eceive	0 0]%

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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			yaranin			_	SPDI	ES ID	+				
Nar	ne of MS4/C	oaliti	on Buffalo and Fort Eric Pu	blic Bridge Authority		-	N .	YR	4	0 7	4	2	2
7.	Evaluatii	ıg/M	easuring Progress	MCM 6									
Ma			o you use to evalua Good Housekeepin									/ha	t
Ex	ample*:				····								
Ind	licator:	Cat	ch basins inspected and clear	ned		***************************************					***************************************		
Bes	gan Tracki	12:	2005	Frequency:	monthly				**********				
•	7	·	(year)	·····		(ex.: annı	ıal, mo	nthly, l	biwee	kly)			
#	40 catch basin	tch basins cleaned											
	ī			(ex.: samples/part	icipants/events)						***************************************		
* 7	his indicate		oyment of personn		vents to per	form emo	erger	icy n	nain	itena	nce.		
Ind	licator:	Insp	ect and test in-line spill cont	ainment valve									
Res	zan Trackii		2003	Frequency:	Twice annually	<i>y</i>							
2508	,		(year)	1 requency.		(ex.: annu	al, mo	nthly, b	iwee	kly)			
#	1 unit inspect	d and	tested										
				(ex.: samples/parti	cipants/events)						erecurate en en en en en en en en en en en en en		
Res	sults:	In-li per s	ne spill containmer standard operating p	nt valve was inspe procedures.	ected and te	sted in Ju	ıly aı	nd No	ove	mbe	: 200)8 a	as
Sub	omit additi	onal	pages as needed.										

MM 6 Page 3 of 3

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Minimum Control Measure 6 – Pollution Prevention/Good Housekeeping for Municipal Operations (Continued)

- 1. Revise Operations and Maintenance Practice to Reduce Settleable Materials The following management practices have been implemented by the Authority to reduce settleable materials:
 - Street and Bridge Maintenance
 - Winter Road Maintenance
 - Stormwater System Maintenance
 - Vehicle and Fleet Maintenance

Standard operating procedures (SOPs) for these practices are defined in the Authority's SWMP and are discussed in more detail below.

The Authority installed an in-line spill containment system to prevent any spilled materials on the Peace Bridge from entering the Niagara River.

The Authority has a standard operating procedure for personnel responding to an emergency, which includes spill response and containment procedures. This is reviewed and revised annually in conjunction with the SOPs described above. In addition, in Year 4 the Authority developed a stand-alone SOP for the spill containment system that was incorporated in the SWMP during the Year 4 revision. This SOP includes valve switch locations, purpose, potential hazards, spill response procedures, switch operation, emergency notification, and switch inspection procedures.

Began Tracking – 2002 Frequency – On-going / annual

Measures -

Goals – Review and update SWMP annually.

Results – This goal was accomplished in Year 6. The Authority's SWMP was reviewed in August 2008 and revisions to the SWMP were not required at this time.

2. **Employee Stormwater Training** – The Authority will organize and conduct training sessions for Authority employees on stormwater management. Topics will include, at a minimum, an overview of stormwater and the SPDES permit requirements; the potential impacts of illicit connections and discharges on stormwater and how they can be detected and eliminated; best management practices for stormwater management; review of the Authority's Stormwater Management Program and standard operating procedures.

Training materials (PowerPoint presentation, handouts) were finalized by the Authority's stormwater consultant in Year 4. Training will be conducted by Authority's health and safety coordinator every two years, starting in Year 5, and as necessary to update employees on major changes to the SWMP.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

Frequency – Initial training was conducted in Year 5, and will be repeated every two years thereafter. The next training session is expected during Year 7.

Measures -

Goals – Train the Authority's employees on stormwater management.

Results – This goal was accomplished in Year 5. An initial stormwater training session was held on October 15, 2007. Attendance records are available upon request from Parsons 716.541.0743 – Thomas Boyle. The next session will be conducted in Year 7.

3. Street and Bridge Maintenance – The Authority Maintenance Staff cleans (sweeps) 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-needed" basis the remainder of the year.

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.

Began Tracking – 2004 Frequency – On-going, as necessary Measures –

Goals - Clean and sweep roadways.

Results – An estimated 7 cubic yards of sediment and debris removed from roadways in Year 6.

4. Winter Road Maintenance – The Authority 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.

The Authority is using 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.

A treated salt (Magic SaltTM) is utilized for deicing purposes in the remainder of the plaza and Authority parking lots. Like the liquid deicer, this product has no corrosive

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

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.

Began Tracking – 2004

Frequency – On-going / seasonal

Measures -

Goals – Reduce the amount of sediments and corrosive materials used on the roadways for winter road maintenance.

Results – Approximately 1,000 tons treated salt applied in Year 6.

Approximately 4,500 gallons liquid deicer applied in Year 6.

Months applied in 2008: December

Months applied in 2009: January, February, March and April

5. **Stormwater System Maintenance** –The Authority's storm sewers, catch basins, and post-construction BMPs (i.e., 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-needed" 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 stormwater facilities. 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.

Began Tracking – 2004

Frequency - On-going, annual (minimum) or as necessary.

Measures -

Goals – Inspect and clean storm sewer, catch basins and post-construction BMPs.

Results – Catch basins were inspected 2 times during Year 6, in March and July 2008.

- Catch basins and storm sewers were cleaned 1 time during Year 6, in July 2008.
- Oil/water separators were inspected and cleaned during Year 6, in July 2008.
- 6. Vehicle and Fleet Maintenance The Authority owns and maintains a wash bay on the Canadian side of the Peace Bridge. All Authority-owned vehicles are washed on an "asneed" 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.

This report is being submitted for the reporting period ending March 9, 2009

Name of MS4: Buffalo and Fort Erie Public Bridge Authority

SPDES ID: NYR40A422

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 a certified waste disposal contractor to remove and dispose of waste oil on an "as needed" basis, when the designated container is full.

Frequency – On-going, as needed

Measures -

Goals – Maintain good housekeeping procedures for vehicle and fleet maintenance.

Results – Approximately 55 gallons of waste oil was removed by the Authority and recycled on April 18, 2008.

7. Implement O&M Program to Reduce and Prevent Pollutant Discharge – The Authority has implemented a records log indicating scheduled inspection and cleaning of stormwater facilities, maintenance items such as roadway sweeping/roadway repair and winter maintenance materials and practices. This log is helpful in auditing maintenance activities.

Frequency – On-going, annual (minimum)

Measures -

Goals – Audit facilities and identify problem areas.

Results – There has been a significant reduction in the amount of sediment in catch basins and on roadways as a result in the change in road maintenance techniques and regular cleaning of catch basins.

This report is being submitted for the reporting period ending March 9, $\begin{bmatrix} 2 & 0 & 0 \end{bmatrix}$ 9

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,		SP	DES	ID						
Name of MS4/Coalition	Buffalo and Fort Eric Public Bridge Authority	N	Y	R	4	0	A	4	2	2

On behalf of an individual l On behalf of a coalition How many MS			
	As contributed to this		
How many MS	Ac contributed to thic i		
	45 Contributed to this	report?	
-0.4			
S4s must answer the qu	estions or check NA	as indicated in the table	e below.
MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed		_	-
raditional Land Use	1,2,3,4,5,6,7,8a,8b,9	10,11,12	Phosphorus
raditional Non-Land Use	1,2,3,4,7,8a,8b,9	5,10,11,12	Phosphorus
Ion-Traditional	1,2,7,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed Traditional Land Use	1679,0	2,3,4,5,8b,10,11,12	
raditional Non-Land Use	1,6,7,8a,9 1,6,7,8a,9	2,3,4,5,8b,10,11,12 2,3,4,5,8b,10,11,12	Phosphorus Phosphorus
lon-Traditional	1,6,7,8a,9	2,3,4,5,8b,10,11,12 2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed	-		Thosphorus
raditional Land Use	1,4,6,7,8a,9	2,3,5,8b,10,11,12	Phosphorus
raditional Non-Land Use	1,4,6,7,8a,9	2,3,5,8b,10,11,12	Phosphorus
on-Traditional	1,4,6,7,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay		-	-
raditional Land Use	1,4,7,8a,9,10,11,12	2,3,5,6,8b	Pathogens
raditional Non-Land Use	1,4,7,8a,9,10,11,12	2,3,5,6,8b	Pathogens
on-Traditional	1,4,7,8a,9	2,3,4,5,8b,10,11,12	Pathogens
Peconic Estuary	1 1 7 0 0 10 11 15	-	
raditional Land Use raditional Non-Land Use	1,4,7,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
on-Traditional	1,4,7,8a,9,10,11,12 1,4,7,8a,9	2,3,5,6,8b	Pathogens and Nitrogen
ion-Hadiionai	1,4,7,00,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Does your MS4/Coalifi		n program addressing in odies?	mpacts of O Yes O No
phosphorus/nitrogen/p	J		
phosphorus/nitrogen/p Has 100% of the MS4/		e system been mapped i	n GIS? ○ Yes ○ No
phosphorus/nitrogen/p Has 100% of the MS4/ If N/A, go to question 3		e system been mapped i	○ Yes ○ No
	Coalition conveyance	e system been mapped i	

3. Does your MS4/Coalition have a Stormwater Conveyance System(infrastructure) Inspection and Maintenance Plan Program?

● Yes ○ No ○ N/A

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		SPI	DES ID		
Na	me of MS4/Coalition Buffalo and Fort Eric Public Bridge Authority	N	YR 4	0 A	4 2 2
4.	Estimate the percentage of on-site wastewater treatment systems and maintained or rehabilitated as necessary in this reporting pe		1ave bee	n inspe	cted %
5.	Has your MS4/Coalition developed a program that provides pro NYS DEC SPDES General Permit for Stormwater Discharges fr (GP0-08-001) to reduce pollutants in stormwater runoff from coadisturb five thousand square feet or more?	om Co	onstructi	ion Acti	vities
6.	Has your MS4/Coalition developed a program to address post-corunoff from new development and redevelopment projects that dequal to one acre that provides equivalent protection to the NYS Permit for Stormwater Discharges from Construction Activities the New York State Stormwater Design Manual Enhanced Phosp Standards?	listurb DEC (GP-0	greater SPDES -08-001)	than o Genera , includ	r I
7.	Does your MS4/Coalition have a retrofitting program to reduce ophosphorus/nitrogen/pathogen loading?	erosio	or O Yes	○ No	● N/A
8a.	Has your MS4/Coalition developed and implemented a turf mana procedures policy that addresses proper fertilizer application on lands?		cipally o		I N/A
8b.	.Has your MS4/Coalition developed and implemented a turf mana procedures policy that addresses proper disposal of grass clippin municipally owned lands?				I N/A
9.	Has your MS4/Coalition developed and implemented a program	of nat			● N/A
	Has your MS4/Coalition enacted a local law prohibiting pet waster prohibiting goose feeding?	e on m		l propei	
11.	Does your MS4/Coalition have a pet waste bag program?		○ Yes	○ No	• N/A
12.	Does your MS4/Coalition have a program to manage goose popul	ations	?O Yes	O No	● N/A