3258632975

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2020

SPDES ID: NYR20A556

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

Choose one:

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

Fill in SPDES ID in upper right hand corner.

Name of MS4: Fort Drum

OR

○ **This report is being submitted on behalf of a Single Entity**

(Per Part II.E of GP-0-10-002)

Name of Single Entity:

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:

SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A

9714632978

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2020

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

SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
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SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
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SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2020

Name of MS4: Fort Drum

SPDES ID: NYR20A556

Each MS4 must submit an MCC form.

Section 1 - MCC Identification Page

Indicate whether this MCC form is being submitted to certify endorsement or acceptance of:

- ● An Annual Report for a single MS4
- ○ A Single Entity (Per Part II.E of GP-0-10-002)
- ○ A Joint Report

Joint reports may be submitted by permittees with legally binding agreements.

If Joint Report, enter coalition name:

5690581587

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2020

Name of MS4: Fort Drum

SPDES ID: NYR20A556

Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for ***each*** of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

   A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

   If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- ● Principal Executive Officer/Chief Elected Official
- ○ Duly Authorized Representative
- ● Local Stormwater Public Contact
- ● Stormwater Management Program (SWMP) Coordinator
- ● Report Preparer

First Name: James

MI: M

Last Name: Miller

Title: Environmental Branch Chief

Address: 4896 Ninninger Street

City: Fort Drum

State: NY

Zip: 13602-

eMail: James.m.miller352.civ@mail.mil

Phone: (315) 772-5269

County: Jefferson

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2020

Name of MS4: Fort Drum

SPDES ID: NYR20A556

Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period? ○ Yes ● No

If Yes, complete information below.

Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

Partner/Coalition Name (con't.)

SPDES Partner ID - If applicable

Address

City

State

Zip -

eMail

Phone ( ) -

Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.? ○ Yes ○ No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

○ MM1

○ MM2

○ MM3

○ MM4

○ MM5

○ MM6

Additional tasks/responsibilities

○ *Watershed Improvement Strategy Best Management Practices* required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2020

Name of MS4: Fort Drum

SPDES ID: NYR20A556

Section 4 - Certification Statement

"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, 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."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name: James

MI: M

Last Name: Miller

Title (Clearly print title of individual signing report): Environmental Branch Chief

Signature: James M. Miller

Date: 05/12/2020

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

1100364151

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Water Quality Trends

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition
How many MS4s are contributed to this report? ___

1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One. ○ Yes ● No

If Yes, choose one of the following

○ Report(s) attached to the annual report

○ Web Page(s) where report(s) is/are provided below

Please provide specific address of page where report(s) can be accessed - not home page.

URL

URL

URL

URL

4286299954

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measure 1. Public Education 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 Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

- ● Construction Sites
- ● General Stormwater Management Information
- ● Household Hazardous Waste Disposal
- ● Illicit Discharge Detection and Elimination
- ○ Infrastructure Maintenance
- ○ Smart Growth
- ○ Storm Drain Marking
- ○ Green Infrastructure/Better Site Design/Low Impact Development
- ● Other: Industrial Stormwater (Other)
- ○ Pesticide and Fertilizer Application
- ○ Pet Waste Management
- ● Recycling
- ● Riparian Corridor Protection/Restoration
- ● Trash Management
- ● Vehicle Washing
- ● Water Conservation
- ● Wetland Protection
- ○ None

2. Specific audiences targeted during this reporting period:

- ● Public Employees
- ● Residential
- ○ Businesses
- ○ Restaurants
- ● Other: Soldiers (Other)
- ● Contractors
- ○ Developers
- ● General Public
- ○ Industries
- ○ Agricultural

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

○ Construction Site Operators Trained	# Trained	
○ Direct Mailings	# Mailings	
○ Kiosks or Other Displays	# Locations	
○ List-Serves	# In List	
○ Mailing List	# In List	
● Newspaper Ads or Articles	# Days Run	4
○ Public Events/Presentations	# Attendees	
○ School Program	# Attendees	
○ TV Spot/Program	# Days Run	
● Printed Materials:	Total # Distributed	500

Locations (e.g. libraries, town offices, kiosks)

Hazardous Waste Bldg

○ Other:

● Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL: http://fortdrumstormwater.com

URL: http://fortdrumstormwater.com/pollutants-of-concern/

0704299955

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

3. Web Page con't.: Provide specific web addresses - not home page.

URL: http://fortdrumstormwater.com/stormwater-issues/

URL: http://fortdrumstormwater.com/stormwater-library/

URL: http://fortdrumstormwater.com/contact-us/

URL: http://fortdrumstormwater.com/forum-2/

URL:

URL:

URL:

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Fort Drum's stormwater website displays information and who to contact about any stormwater questions or concerns. Over 4500 army personnel were trained on stormwater issues this reporting period. Outreach was also conducted at the hazardous waste facility where stormwater brochures were given out to residents of Fort Drum. Stormwater outreach material focused on industrial stormwater and illicit discharges.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

During this reporting period, Fort Drum's stormwater website was visited 58 times. No new POCs were identified during this reporting period. 500 stormwater brochures were given out to residents of Fort Drum. Fort Drum sent out an environmental news letter to army personnel which included four articles on stormwater management.

C. How many times was this observation measured or evaluated in this reporting period?

12

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The stormwater website will be updated with stormwater information and issues. POCs will continue to be reviewed and updated as needed. Stormwater outreach materials such as brochures and posters will be developed and given to the public during outreach events. Fort Drum will continue to provide training to army personnel on a regular basis.

4961183103

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measure 2. Public Involvement/Participation

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. What opportunities were provided for public participation in implementation, development, evaluation and improvement of the Stormwater Management Program (SWMP) Plan during this reporting period? Check all that apply:

○ Cleanup Events — # Events ___

○ Comments on SWMP Received — # Comments ___

● Community Hotlines — Phone # ( ) -

Phone # (315) 772-9471 — Phone # ( ) -

Phone # ( ) - — Phone # ( ) -

Phone # ( ) - — Phone # ( ) -

Phone # ( ) - — Phone # ( ) -

Phone # ( ) - — Phone # ( ) -

○ Community Meetings — # Attendees ___

○ Plantings — Sq. Ft. ___

○ Storm Drain Markings — # Drains ___

○ Stakeholder Meetings — # Attendees ___

○ Volunteer Monitoring — # Events ___

○ Other: ___

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided? ● Yes ○ No

○ List-Serve — # In List ___

○ Newspaper Advertising — # Days Run ___

○ TV/Radio Notices — # Days Run ___

○ Other: ___

● Web Page URL: Enter URL(s) on the following two pages.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

2. URL(s) con't.:

Please provide specific address(es) where notice(s) can be accessed - not home page.

URL: http://fortdrumstormwater.com/annual-report-permits/

URL:

URL:

URL:

URL:

URL:

URL:

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

2. URL(s) con't.:

Please provide specific address(es) where notices can be accessed - not home page.

URL

URL

URL

URL

URL

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

● MS4/Coalition Office ● Annual Report ● SWMP Plan ● Comments

Department: Environmental Compliance

Address: 4896 Ninninger Street BLDG 4838

City: Fort Drum NY Zip: 13602-

Phone: (315) 772-9471

○ Library ○ Annual Report ○ SWMP Plan ○ Comments

Address:

City: Zip: -

Phone: ( ) -

○ Other ○ Annual Report ○ SWMP Plan ○ Comments

Address:

City: Zip: -

Phone: ( ) -

● Web Page URL: ● Annual Report ● SWMP Plan ● Comments

http://fortdrumstormwater.com/stormwater-library/

Please provide specific address of page where report can be accessed - not home page.

● eMail ● Comments

michael.p.reome.civ@mail.mil

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

4.a. If this report was made available on the internet, what date was it posted?
Leave blank if this report was not posted on the internet. 05 / 29 / 2020

4.b. For how many days was/will this report be posted? 999

If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

5.a. Was an Annual Report public meeting held in this reporting period? ○ Yes ● No

If Yes, what was the date of the meeting? __ / __ / ____

If No, is one planned? ○ Yes ● No

5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period? ○ Yes ● No

If No, is one planned for each? ○ Yes ● No

6. Were comments received during this reporting period? ○ Yes ● No
If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

This years goal was to provide the public with information about Fort Drum's stormwater program. We did this by making the stormwater management plan, stormwater infrastructure maintenance plan and MS4 report available on Fort Drum's stormwater website. The 2020 MS4 report will be uploaded to the website for review on May 29, 2020. These documents can also be obtained by contacting Michael Reome or visiting the environmental compliance office on Fort Drum.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Fort Drum's stormwater management plan and stormwater infrastructure maintenance plan were reviewed and updated. No comments were received regarding the annual report, stormwater management plan or stormwater infrastructure plan.

C. How many times was this observation measured or evaluated in this reporting period?

12

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Fort Drum will continue to educate the public on stormwater issues. The stormwater website will be maintained, updated and promoted. The stormwater management plan and infrastructure maintenance plan will be updated if necessary. Stormwater brochures will be given to the public at the hazardous waste facility and any outreach events.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measure 3. Illicit Discharge Detection and Elimination

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. Enter the number and approx. percent of outfalls mapped: 52 # 100 %

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? 52

3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

- ● Auto Recyclers
- ○ Building Maintenance
- ○ Churches
- ○ Commercial Carwashes
- ○ Commercial Laundry/Dry Cleaners
- ● Construction Vehicle Washouts
- ○ Cross-Connections
- ○ Distribution Centers
- ● Food Processing Facilities
- ○ Garbage Truck Washouts
- ○ Hospitals
- ○ Improper RV Waste Disposal
- ● Industrial Process Water
- ● Other: Transfer Site
- ○ Sewersheds:
- ○ Landscaping (Irrigation)
- ○ Marinas
- ○ Metal Plateing Operations
- ● Outdoor Fluid Storage
- ● Parking Lot Maintenance
- ○ Printing
- ○ Residential Carwashing
- ● Restaurants
- ○ Schools and Universities
- ○ Septic Maintenance
- ○ Swimming Pools
- ● Vehicle Fueling
- ● Vehicle Maint./Repair Shops
- ○ None

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

3.b. What types of illicit discharges have been found during this reporting period?

- ○ Broken Lines From Sanitary Sewer
- ○ Cross Connections
- ○ Failing Septic Systems
- ○ Floor Drains Connected To Storm Sewers
- ● Illegal Dumping
- ○ Other:
- ○ Industrial Connections
- ○ Inflow/Infiltration
- ○ Pump Station Failure
- ○ Sanitary Sewer Overflows
- ○ Straight Pipe Sewer Discharges
- ○ None

4. How many illicit discharges/potential illegal connections have been detected during this reporting period? 0

5. How many illicit discharges have been confirmed during this reporting period? 0

6. How many illicit discharges/illegal connections have been eliminated during this reporting period? 0

7. Has the storm sewershed mapping been completed in this reporting period? ● Yes ○ No

If No, approximately what percent was completed in this reporting period? %

8. Is the above information available in GIS? ● Yes ○ No

Is this information available on the web? ○ Yes ● No

If Yes, provide URL(s):

Please provide specific address of page where map(s) can be accessed - not home page.

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

8. URL(s) con't.:

Please provide specific address of page where map(s) can be accessed - not home page

URL

URL

URL

URL

URL

9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report? ● Yes ○ No

10. If Yes, has every traditional MS4 contributing to this report certified that this law is equivalent to the NYS Model IDDE Law? ○ Yes ○ No ● NT

11. What percent of staff in relevant positions and departments has received IDDE training?

100 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

All outfalls on Fort Drum have been mapped and will continue to be updated as necessary. 52 outfalls were inspected once per quarter for illicit discharges and any other stormwater violations. Water samples were taken from 41 outfalls to test for pollutants of concern. Buildings across the installation that may contribute POCs to the watershed were inspected monthly for illicit discharges. Fort Drum residents were given outreach materials on how to prevent illicit discharges and spills.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Dry weather inspections and monthly pollutant of concern inspections indicated no evidence of illicit discharges. Water samples identified three locations which exceeded benchmark levels. It is thought this may be due to naturally occurring iron in the soil and testing will be undertaken this year to determine the exact cause. Also one location has naturally occurring magnesium in rock formations. Fort Drum found illegal dumping of furniture and has cleaned up the area and disposed of the waste.

C. How many times was this observation measured or evaluated in this reporting period?

12

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Fort Drum will continue to inspect outfalls quarterly and inspect buildings that have the potential to discharge pollutants to water ways. Water samples will now be taken twice a year at 41 facilities to ensure no pollutants are being released to waterways.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measures 4 and 5.
Construction Site and Post-Construction Control

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? ___

1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities? ● Yes ○ No

1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney cerfification or using the NYSDEC Gap Analysis Workbook? ○ Yes ○ No ● NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.
○ 09/2004 ○ 03/2006 ○ NT

2. Does your MS4/Coalition have a SWPPP review procedure in place? ● Yes ○ No

3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period? 5

4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? ○ Yes ○ No ● NT

If Yes, how many public comments were received during this reporting period? ___

5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? ○ Yes ● No

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

○ Notices of Violation	#		○ No Authority
○ Stop Work Orders	#		○ No Authority
○ Criminal Actions	#		○ No Authority
○ Termination of Contracts	#		○ No Authority
○ Administrative Fines	#		○ No Authority
○ Civil Penalties	#		○ No Authority
○ Administrative Orders	#		○ No Authority
○ Enforcement Actions or Sanctions	#		
● Other	#	8	○ No Authority

9445612573

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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. **How many construction projects have been authorized for disturbances of one acre or more during this reporting period?** 5

2. **How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?** 10

3. **What percent of active construction sites were inspected during this reporting period?** ● NT

   100 %

4. **What percent of active construction sites were inspected more than once?** ● NT

   100 %

5. **Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual?** ○ Yes ○ No ● NT

6. **Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval?** ○ Yes ○ No ● NT

   If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? ● Yes ○ No

   If Yes, use the following page to identify location(s) where SWPPPs can be accessed.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department: Environmental Compliance

Address: 4896 Ninninger Street BLDG 4838

City: Fort Drum NY Zip: 13602-

Phone: (315) 772-9471

○ Library

Address:

City: Zip: -

Phone: ( ) -

○ Other

Address:

City: Zip: -

Phone: ( ) -

○ Web Page URL(s): Please provide specific address where SWPPPs can be accessed - not home page.

URL:

URL:

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Fort Drum inspected construction sites monthly ensuring stabilization measures were taken in inactive areas and sediment control measures were correctly installed and maintained. Areas surrounding construction sites were inspected for non stormwater discharges.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Eight verbal notifications were issued to construction site representatives to fix silt fencing and stabilization measures. Issues were promptly fixed after notifications were given to the construction site project managers.

C. How many times was this observation measured or evaluated in this reporting period?

12

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Construction sites will continue to be inspected on a monthly basis. All BMPs will be inspected for functionality and effectiveness. Any issues will be fixed in a timely manner.

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measure 5. Post-Construction Stormwater Management

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. How many and what type of post-construction stormwater management practices has your MS4/Coalition inventoried, inspected and maintained in this reporting period?

	# Inventoried	# Inspections	# Times Maintained
○ Alternative Practices			
○ Filter Systems			
● Infiltration Basins		5	
● Open Channels		168	
● Ponds		2	
○ Wetlands			
○ Other			

2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintanance? ● Yes ○ No

3. What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?

○ Building Codes ○ Municipal Comprehensive Plans

○ Overlay Districts ○ Open Space Preservation Program

○ Zoning ○ Local Law or Ordinance

● None ○ Land Use Regulation/Zoning

○ Watershed Plans ○ Other Comprehensive Plan

○ Other:

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

○ Yes ● No

4b. Does the MS4 have a banking and credit system for stormwater management practices?

○ Yes ● No

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?

○ Yes ● No

4d. How many stormwater management practices have been implemented as part of this system in this reporting period?

0

5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?

0 %

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Two post construction project sites were inspected during this reporting period, no issues were found. Fort Drum inspected 2 stormponds, 5 infiltration basins and 168 open channels. Three open channels contained excessive amounts of sediment and are in need of maintenance. A new detention pond was constructed at the transfer station, OF-001-A, in order to reduce contaminations discharged from the facility by filtering sediments therefore, reducing heavy metal concentrations.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The three open channels with excessive sediment are slotted for maintenance later this year . No problems were observed during post construction inspections. The detention pond system at the transfer site has reduced heavy metal pollutants to an acceptable.

C. How many times was this observation measured or evaluated in this reporting period?

12

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

All post construction projects will be inspected one year after the receipt of a projects NOT. Stormwater BMPs will continue to be implemented when necessary.

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

Minimum Control Measure 6. Stormwater Management for Municipal Operations

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. **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.**

Operation/Activity/Facility	Addressed in SWMP?		Self-Assessment Operation/Activity/Facility performed within the past 3 years?	
Street Maintenance	● Yes	○ No	● Yes	○ No
Bridge Maintenance	● Yes	○ No	● Yes	○ No
Winter Road Maintenance	● Yes	○ No	● Yes	○ No
Salt Storage	● Yes	○ No	● Yes	○ No
Solid Waste Management	● Yes	○ No	● Yes	○ No
New Municipal Construction and Land Disturbance	● Yes	○ No	● Yes	○ No
Right of Way Maintenance	○ Yes	● No	○ Yes	● No
Marine Operations	○ Yes	● No	○ Yes	● No
Hydrologic Habitat Modification	○ Yes	● No	○ Yes	● No
Parks and Open Space	○ Yes	● No	○ Yes	● No
Municipal Building	○ Yes	● No	○ Yes	● No
Stormwater System Maintenance	● Yes	○ No	● Yes	○ No
Vehicle and Fleet Maintenance	● Yes	○ No	● Yes	○ No
Other	○ Yes	● No	○ Yes	● No

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

2. Provide the following information about municipal operations good housekeeping programs:

● Parking Lots Swept (Number of acres X Number of times swept)	# Acres	229
● Streets Swept (Number of miles X Number of times swept)	# Miles	198
● Catch Basins Inspected and Cleaned Where Necessary	#	339
● Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary	#	2
○ Phosphorus Applied In Chemical Fertilizer	# Lbs.	
○ Nitrogen Applied In Chemical Fertilizer	# Lbs.	
● Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)	# Acres	603.7

3. How many stormwater management trainings have been provided to municipal employees during this reporting period? 70

4. What was the date of the last training? 03 / 08 / 2020

5. How many municipal employees have been trained in this reporting period? 999

6. What percent of municipal employees in relevant positions and departments receive stormwater management training? 100 %

MS4 Annual Report Form

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Name of MS4/Coalition: Fort Drum

SPDES ID: NYR20A556

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Fort Drum inspected 592 stormwater infrastructures during this reporting period. 198 miles of streets were swept and 261 miles of parking lots were swept. Facilities across the installation were inspected for illicit discharges and proper use of BMPs.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Stormwater infrastructure inspections found 36 stormwater infrastructures that were not in compliance and work orders will be submitted to repair them. Over 5000 soldiers and army personnel were trained on environmental matters that include stormwater and POC issues. A few facilities inspected had stormwater and BMP issues and they were resolved promptly.

C. How many times was this observation measured or evaluated in this reporting period?

12

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Miles swept and pesticides used will continue to be tracked in the following year. Stormwater infrastructure inspections will continue to be performed on a routine basis; any infrastructures not in compliance will be fixed. Trainings of army personnel will continue. Routine stormwater inspections for proper BMP use and illicit discharges will continue to take place.

MS4 Annual Report Form

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SPDES ID: NYR20A556

Additional Watershed Improvement Strategy Best Management Practices

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? ___

MS4s must answer the questions or check NA as indicated in the table below.

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed	-	-	-
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed	-	-	-
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed	-	-	-
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay	-	-	-
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary	-	-	-
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed	-	-	-
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments	-	-	-
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

1. **Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies?** ○ Yes ● No ○ N/A

2. **Has 100% of the MS4/Coalition conveyance system been mapped in GIS?** ● Yes ○ No ○ N/A

   If N/A, go to question 3.

   If No, estimate what percentage of the conveyance system has been mapped so far. ___ %

   Estimate what percentage was mapped in this reporting period. ___ %

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SPDES ID: NYR20A556

3. **Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program?** ● Yes ○ No ○ N/A

4. **Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period?** 0 %

5. **Has your MS4/Coalition developed a program that provides protection equivalent to the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001) to reduce pollutants in stormwater runoff from construction activities that disturb five thousand square feet or more?** ● Yes ○ No ○ N/A

6. **Has your MS4/Coalition developed a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre that provides equivalent protection to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001), including the New York State Stormwater Design Manual Enhanced Phosphorus Removal Standards?** ● Yes ○ No ○ N/A

7a. **Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading?** ○ Yes ● No ○ N/A

7b. **How many projects have been sited in this reporting period?** 5

7c. **What percent of the projects included in 7b have been completed in this reporting period?** 20 %

7d. **What percent of projects planned in previous years have been completed?** 19 %

○ No Projects Planned

8a. **Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper fertilizer application on municipally owned lands?** ○ Yes ● No ○ N/A

8b. **Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper disposal of grass clippings and leaves from municipally owned lands?** ○ Yes ● No ○ N/A

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9. Has your MS4/Coalition developed and implemented a program of native planting?
● Yes ○ No ○ N/A

10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?
● Yes ○ No ○ N/A

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 populations?
● Yes ○ No ○ N/A