

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2021

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

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2021

Name of MS4 Fort Drum

SPDES ID
N Y R 2 0 A 5 5 6

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 MI Last Name
J a m e s M M i l l e r

Title
E n v i r o n m e n t a l B r a n c h C h i e f

Address
4 8 9 6 N i n i n g e r S t r e e t

City State Zip
F o r t D r u m N Y 1 3 6 0 2 -

eMail
J a m e s . m . m i l l e r 3 5 2 . c i v @ m a i l . m i l

Phone County
(3 1 5) 7 7 2 - 5 2 6 9 J e f f e r s o n

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 2 1

Name of MS4

SPDES ID
N Y R 2 0 A 5 5 6

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 MI Last Name

Title (Clearly print title of individual signing report)

Signature

Date / /

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

MS4 Annual Report Form

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

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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

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

- | | | | | | | | |
|--|---------------------|--|---|---|---|---|---|
| <input type="radio"/> Construction Site Operators Trained | # Trained | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input type="radio"/> Direct Mailings | # Mailings | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input type="radio"/> Kiosks or Other Displays | # Locations | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input type="radio"/> List-Serves | # In List | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input type="radio"/> Mailing List | # In List | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input checked="" type="radio"/> Newspaper Ads or Articles | # Days Run | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td>4</td></tr></table> | | | | | 4 |
| | | | | 4 | | | |
| <input checked="" type="radio"/> Public Events/Presentations | # Attendees | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td>6</td><td>3</td><td>0</td><td> </td></tr></table> | | 6 | 3 | 0 | |
| | 6 | 3 | 0 | | | | |
| <input type="radio"/> School Program | # Attendees | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input type="radio"/> TV Spot/Program | # Days Run | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | |
| | | | | | | | |
| <input checked="" type="radio"/> Printed Materials: | Total # Distributed | <table border="1" style="width: 100%; height: 20px;"><tr><td> </td><td>6</td><td>5</td><td>0</td><td> </td></tr></table> | | 6 | 5 | 0 | |
| | 6 | 5 | 0 | | | | |

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

H	a	z	a	r	d	o	u	s	W	a	s	t	e	B	l	d	g

Other:

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

URL

URL

MS4 Annual Report Form

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

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Name of MS4/Coalition

Fort Drum

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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. Outreach was conducted at the hazardous waste facility where stormwater brochures and information packets were given out to residents of Fort Drum. Stormwater outreach material focused on industrial stormwater and illicit discharges. Personnel training was impacted as a result of COVID-19 restrictions.

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

No new POCs were identified during this reporting period. 500 stormwater brochures and 150 information packets were given out to residents of Fort Drum. Fort Drum sent out an environmental news letter to Army personnel which included articles on stormwater management.

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

		1	2
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(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).

A stormwater website is maintained 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 provide training to Army personnel within the guidelines of COVID-19 protocol.

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID
N Y R 2 0 A 5 5 6

2. URL(s) con't.:

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

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 2 1

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

Name of MS4/Coalition

SPDES ID
N Y R 2 0 A 5 5 6

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.

0 5 / 3 1 / 2 0 2 1

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

9 9 9

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?

0 / 0 /

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,

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Name of MS4/Coalition

Fort Drum

SPDES ID

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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 2021 MS4 report will be uploaded to the website for review on May 31, 2021. 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?

		1	2
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(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 as necessary. Stormwater brochures and informational packets 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,

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Name of MS4/Coalition

Fort Drum

SPDES ID

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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 43 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 indirect illicit discharges. Water samples identified one location which exceeded benchmark levels. This location was found to have naturally occurring magnesium rock formations. Fort Drum found illegal dumping of furniture and has cleaned up the area and properly disposed of the waste. Sanitary sewer overflow led to flushing lines at one facility routine scheduled maintenance for the future.

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

		1	2
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(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 43 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,

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Name of MS4/Coalition

Fort Drum

SPDES ID

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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?

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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 certification 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?

		3
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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?

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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 #

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 ○ No Authority
- Stop Work Orders #

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 ○ No Authority
- Criminal Actions #

--	--	--	--	--

 ○ No Authority
- Termination of Contracts #

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 ○ No Authority
- Administrative Fines #

--	--	--	--	--

 ○ No Authority
- Civil Penalties #

--	--	--	--	--

 ○ No Authority
- Administrative Orders #

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 ○ No Authority
- Enforcement Actions or Sanctions #

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 ○ No Authority
- Other #

		1	2	
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 ○ No Authority

MS4 Annual Report Form

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Name of MS4/Coalition

Fort Drum

SPDES ID

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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?

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

		3
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2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?

		8
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3. What percent of active construction sites were inspected during this reporting period? NT

1	0	0
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 %

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

1	0	0
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 %

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

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Name of MS4/Coalition

SPDES ID
N Y R 2 0 A 5 5 6

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department
E n v i r o n m e n t a l C o m p l i a n c e

Address
4 8 9 6 N i n i n g e r S t r e e t B L D G 4 8 3 8

City Zip
F o r t D r u m N Y 1 3 6 0 2 -

Phone
(3 1 5) 7 7 2 - 9 4 7 1

○ Library

Address

City Zip
0 -

Phone
(0) 0 -

○ Other

Address

City Zip
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Phone
(0) 0 -

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

URL

URL

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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.

12 verbal notifications were issued to construction site representatives to fix silt fencing and mud tracking on roadways. 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?

		1	2
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(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.

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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
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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
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 %

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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.

Eight post construction project sites were inspected during this reporting period; and no issues were found. Fort Drum inspected three stormponds, three infiltration basins and 183 open channels. One open channels contained excessive amounts of sediment and is in need of maintenance.

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

There is one open channel with excessive sediment slotted for maintenance later this year . The three open channels with excessive sediment from the previous reporting period were fixed. The detention pond system at the transfer site works as designed and has lowered the copper levels to acceptable levels.

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

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(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 as necessary.

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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?

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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.

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

MS4 Annual Report Form

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

2	0	2	1
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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

N	Y	R	2	0	A	5	5	6
---	---	---	---	---	---	---	---	---

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

- Parking Lots Swept (Number of acres X Number of times swept) # Acres

		2	2	9
--	--	---	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles

		1	9	8
--	--	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

		5	6	5
--	--	---	---	---
- 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

0	2	0	8	.	
---	---	---	---	---	--

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

				0
--	--	--	--	---

4. What was the date of the last training?

0	3
---	---

 /

0	5
---	---

 /

2	0	1	9
---	---	---	---

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

		0
--	--	---

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

		2
--	--	---

 %

MS4 Annual Report Form

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2	0	2	1
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N	Y	R	2	0	A	5	5	6
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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 828 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 11 stormwater infrastructures that were not in compliance and work orders will be submitted to repair them. A few facilities inspected had stormwater and BMP issues and they were resolved promptly. Training was not conducted due to COVID-19 restrictions.

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

		1	2
--	--	---	---

(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 within the guidelines of the COVID-19 restrictions. Routine stormwater inspections for proper BMP use and illicit discharges will continue to take place.

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N	Y	R	2	0	A	5	5	6
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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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 %

MS4 Annual Report Form

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2	0	2	1
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N	Y	R	2	0	A	5	5	6
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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?

		8
--	--	---

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

	1	3
--	---	---

 %

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

	1	3
--	---	---

 %
 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

MS4 Annual Report Form

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N	Y	R	2	0	A	5	5	6
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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