

Municipality/Organization: U.S. Army Soldier Systems Center

EPA NPDES Permit Number: MAR042008

MassDEP Transmittal Number: W-041046

Annual Report Number Year 13

& Reporting Period: April 1, 2015 – March 31, 2016

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2016)

Part I. General Information

Contact Person: Terence Garrahan

Title: Environmental Engineer

Telephone #: 508-233-5993

Email: G.T.Garrahan.civ@mail.mil

Mailing Address: U.S. Army Soldier System Center 15 General Greene Ave, Natick, MA 01760-5049

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature:

Printed Name: John J. McHugh

Title: Chief DPW Environmental Office

Date: 29 April 2016

Part II. Self-Assessment

U.S. Army Soldier Systems Center has implemented storm water control measures during the past 12 months. Outfalls were inspected by boat and land, during dry and wet weather. No illicit discharges identified during this period.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
PE01	Drains Marking	ENVIRONMENTAL OFFICE	Job/Annual Inspection	Most storm drains from foundry include “no dumping” and that catch basin drain to waterway. Some older drain covers are marked with “no dumping” disk markers.	Annual inspection of storm drains, place additional marking as needed. When catch basins are upgraded, foundry grates with no dumping/waterways drain markings should be suggested. Paint may be added to hi-lite no dumping markings.
Revised					
PE02	Information-Workforce Training	ENVIRONMENTAL OFFICE	Job	Spill response information emphasized in annual training letting employees know that should a release of hazardous materials occur, prompt notification and cleanup actions must be taken to minimize environmental impacts and reduce cleanup cost. New employees are required to complete environmental compliance training which is available on website.	June 2016- train approximately 400 workforce employees annually concerning proper handling chemicals and emergency response measures needed should a spill occur to prevent release to an outfall. Information provided to workforce employees concerning complying with permit regulations.
Revised					
PE03	Post Notices via website/email/training	ENVIRONMENTAL OFFICE	Job	Spill Response notifications flyers are posted near bulk POL areas and chemical locations	Spill Response notifications flyers are posted near bulk POL areas and chemical locations. Leadership will be informed also during periodic meetings concerning spill response notifications to help prevent releases to lake.
Revised					
Revised					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
PP01	Establish a Storm Water Coordinator	ENVIRONMENTAL OFFICE/Terry Garrahan	Appointment	Current coordinator has been appointed Storm Water Coordinator responsible for submitting storm water reports to State and EPA regulators. Chief of Environmental Office also has been delegated signature authority for storm water reporting.	Environmental Office will continue to assign a storm water coordinator concerning compliance with regulations.
Revised					
	Meet with local conservation commission	ENVIRONMENTAL OFFICE	Projects	As needed, project reviews are coordinated with local Natick officials. Chief of Environmental Office met with local town compliance officer concerning housing upgrade project.	As needed, continue to coordinate project reviews with local officials.
Revised					
	Training	ENVIRONMENTAL OFFICE/Terry Garrahan	Training provided	Facility-wide, annual training is provided for laboratory and industrial personnel. Training includes response measures needed to prevent spills, and contingency actions taken should a release occur. Training serves as means to inform our workforce storm water best management practices. Spill Response team members also received training. Environmental Office reviews standard operating procedures (SOPs) to ensure that SOPs include statements such as “no dumping waste into drains”.	As needed, workforce personnel who handle oil/chemicals will be trained to help implement best management practices concerning storm water compliance, including good housekeeping practices to prevent releases to the environment. SOPs will continued to be reviewed to ensure they emphasize no dumping into drains and spill response reporting should a release be observed.
Revised					
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
ID01	Update storm water drain map as needed	PWD	Updated map	Storm water maps are available on DPW/Environmental online folders.	Update map as needed.
Revised					
ID02	Detect and address non storm water discharges	Environmental	Annual as needed	Outfalls and nearby catch basins have been inspected during the past year, and no illicit discharges detected.. Dumpsters have been inspected routinely by a contractor. Drum storage areas are inspected monthly. Oil water separators are inspected annually.	Dry weather inspections annually as needed. Continue to inspect dumpsters and oil water separators as needed.
Revised					
ID03	Identify discharges from non-compliant sources.	Environmental/DPW	As needed	Dry weather inspections do not indicate non-compliant discharges from storm water outfalls.	Annual inspections as needed.
Revised					
ID04	Illicit discharge/illegal dumping	Environmental/DPW	As needed	Spill response notification number (x5911) established for emergencies and for reporting illicit discharges/ dumping to facility police.	Spill Response number established.
Revised					
ID05	Prohibit non-storm discharges into storm water system.	Environmental/DPW	As needed	Educate offenders as needed.	Educate offenders as needed.
Revised					
Revised					

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
CS01	Construction Site Storm Waste Control	ENVIRONMENTAL OFFICE/PWD	Projects	U.S. Army CORP of Engineers (COE) procedures are followed which include standard construction storm water controls. Environmental Office representatives participate in pre-design/construction meetings providing environmental compliance review. No construction projects greater than an acre during this period. Construction projects were reviewed part of National Environmental Policy Act (NEPA) reviews. New warehouse project being constructed is implementing Best Management Practices IAW COE Specs.	Specifications already exist. Continue to review NEPA Records of Considerations (RECs) for construction projects concerning storm water impacts.
Revised					
Revised					
Revised					

4a. Additions

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
PC01	Post-Construction Storm Water Management	ENVIRONMENTAL OFFICE/PWD/COE	Follow-up inspections	Oil water separators (OWS) which have been installed throughout the facility are monitored by Environmental Office and contractor support to ensure that OWS work properly. OWS were inspected this past 12-months.	Monitor as needed. Post construction warehouse (less than 1 acre) project will be inspected. New Warehouse and entrance-way projects will be inspected/monitored post construction.
Revised					
Revised					
Revised					

5a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
GH01 Revised	Pesticide Management	ENVIRONMENTAL OFFICE/PWD	Annual Review	Pest contractor data was reviewed this past year.	As needed continue to review pest management application annually.
GH02 Revised	Inspect and clean out OWS	ENVIRONMENTAL OFFICE/PWD	Annual Inspections	OWS's systems were inspected. All catch basins were inspected also.	OWS will be inspected and based upon reports approximately three will be clean. Catch basin cleanings will be planned.
GH03 Revised	Inspect and clean catch basins as needed	PWD	Annual Inspection	Catch basins were inspected during the past year.	Continue annual inspections and clean out as needed.
GH04	Sweep Streets and parking lots	PWD	Annual parking lot, street sweep.	Completed	Planned to be completed.
GH05 Revised	Clean-up day	PWD	Clean-up-day	Completed spring 2015.	Spring cleanup day planned.
GH06 Revised	Tree Planting	PWD	Planted trees	46 trees were planted summer 2015.	Coordinate with COE concerning construction projects impact to help minimize impacts to trees.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
US ARMY GARRISON NATICK
KANSAS STREET
NATICK, MA 01760-5002

IMSS-ZA

OCT 14 2014

MEMORANDUM FOR RECORD

SUBJECT: Storm Water Management Reporting and Coordinator Designation..

1. Effective this date, the Chief of Environmental and Health Office and an alternate Storm Water Coordinator listed below shall have signature authority in accordance with 40 CFR 122.22 to sign annual storm water reports and related documentation.

GARRAHAN, TERENCE, IMSS-PW, U.S. Army Garrison, U.S. Natick Soldier Systems Center

2. Authority: 40 CFR 122.22

3. Purpose: Federal and state storm water regulations require periodic compliance reporting.

4. Period: Until officially relieved or released from appointment.

5. The point of contact for this action is Mr. Terence Garrahan, Department of Public Works at 508-233-5993 or G.T.Garrahan.civ@mail.mil.

BRIAN R. GREATA
LTC, SF
Commanding