

ENVIRONMENTAL MONITOR WEEKLY REPORT
WEEK ENDING June 30th, 2017

Distribution

This report was sent to the following individuals via. e-mail:

Greg Kwon, *Resident Engineer* MADOT, Greg.Kwon@dot.state.ma.us
John Viens, *Site Superintendent*, D.W. White, jviens@dwwhite.com
Delia Kaye, *Natural Resources Director*, Town of Concord, dkaye@concordma.gov

The following individuals were also CC'd via e-mail:

Mark Cain, MADOT, mark.cain@dot.state.ma.us
Ann Roche, MADOT, ann.roche@state.ma.us
Tim Kelley, *Project Manager*, D.W. White, tkelley@dwwhite.com
Rich Kirby, *Environmental Monitor Team member*, LEC, RKirby@lecenvironmental.com

INSPECTIONS

An inspection was conducted on June 27th, following a rain event that precipitated 1.01" of rain over the weekend. There was no evidence of erosion to regulated areas.

STATUS OF CONSTRUCTION

Work during the reporting period included the continuation of track removal and tree protection.

SITE SCHEDULE

Over the next two weeks, track removal and disposal will continue.

WEATHER

The weather station at Hanscom Airfield records and publishes real-time precipitation data (USGS 01100568). According to the weather station, two events greater than 0.25" occurred during the reporting period: One on June 27th with 1.01" of rain, and another on June 30th with 0.28" of rain after hours.

ORDER OF CONDITIONS

The following conditions were met during the reporting period:

Condition 35: No staging of construction materials was taking place in the 100' buffer zone. Staging for wood chipping was being conducted off-site, behind the prison.

Condition 39: Siltation barrier has been installed and consists of, at a minimum, a 12" straw wattle. Slash vegetation has been removed from the work zone.

Condition 47: No machinery was observed being stored in the buffer zone.

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PLANNED IMPACTED AREAS

No planned wetland impact areas have been disturbed since the last reporting period.

SWPPP REPORTS

Copies of the reports are kept in the construction trailer. Copies of the reports are attached to this report.

SITE PHOTOGRAPHS

Site photographs were taken. Notable photographs are attached.

GENERAL SUMMARY

As rail removal continues, earthwork is taking place. With the favorable weather and light work occurring, the site was in good condition.

SWPPP REPORTS

General Information (see reverse for instructions)			
Name of Project	Bruce Freeman Rail Trail	CGP Tracking No.	MAR10008B
Inspector Name, Title & Contact Information	John Viens-Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwhite.com, (774) 320-5830		
Present Phase of Construction	REMOVAL OF RAIL ROAD TRUCK AND R.R. TIES - PIONEER STATION REMOVAL		
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)	Sta 131+00 - 163+80		
Inspection Frequency (Note: You may be subject to different inspection frequencies in different areas of the site. Check all that apply.) Standard Frequency: ☒ Weekly ☐ Every 14 days and within 24 hours of a 0.25" rain Increased Frequency: ☒ Every 7 days and within 24 hours of a 0.25" rain (for areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5, or Tier 3) Reduced Frequency: - ☐ Once per month (for stabilized areas) - ☐ Once per month and within 24 hours of a 0.25" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought) - ☐ Once per month (for frozen conditions where earth-disturbing activities are being conducted)			
Was this inspection triggered by a 0.25" storm event? ☐ Yes ☒ No If yes, how did you determine whether a 0.25" storm event has occurred? ☐ Rain gauge on site ☐ Weather station representative of site. Specify weather station source: Total rainfall amount that triggered the inspection (in inches): <u>11/4</u>			
Unsafe Conditions for Inspection Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? ☐ Yes ☒ No If "yes", complete the following: - Describe the conditions that prevented you from conducting the inspection in this location: - Location(s) where conditions were found:			

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.1)				
Type/Location of E&S Control [Add an additional sheet if necessary]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. Sta 131+ 163180	☒ Yes ☐ No	☒ Yes ☐ No	6/26/17	Minor Repair to Composite Tube will be complete by 6/27/17
2.	☐ Yes ☐ No	☐ Yes ☐ No		
3.	☐ Yes ☐ No	☐ Yes ☐ No		
4.	☐ Yes ☐ No	☐ Yes ☐ No		
5.	☐ Yes ☐ No	☐ Yes ☐ No		
6.	☐ Yes ☐ No	☐ Yes ☐ No		
7.	☐ Yes ☐ No	☐ Yes ☐ No		
8.	☐ Yes ☐ No	☐ Yes ☐ No		
9.	☐ Yes ☐ No	☐ Yes ☐ No		
10.	☐ Yes ☐ No	☐ Yes ☐ No		

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)				
Type/Location of P2 Practices [Add an additional sheet if necessary]	Repairs or Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	☐ Yes ☐ No	☐ Yes ☐ No		
2.	☐ Yes ☐ No	☐ Yes ☐ No		
3.	☐ Yes ☐ No	☐ Yes ☐ No		
4.	☐ Yes ☐ No	☐ Yes ☐ No		
5.	☐ Yes ☐ No	☐ Yes ☐ No		
6.	☐ Yes ☐ No	☐ Yes ☐ No		
7.	☐ Yes ☐ No	☐ Yes ☐ No		
8.	☐ Yes ☐ No	☐ Yes ☐ No		
9.	☐ Yes ☐ No	☐ Yes ☐ No		
10.	☐ Yes ☐ No	☐ Yes ☐ No		

* **Note:** The permit differentiates between conditions requiring repairs and maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition and requires repairs if controls are not operating as intended. Corrective actions are triggered only for specific, more serious conditions, which include: 1) A required stormwater control was never installed, was installed incorrectly, or not in accordance with the requirements in Part 2 and/or 3; 2) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 3) One of the prohibited discharges in Part 2.3.1 is occurring or has occurred; or 4) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.2. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at www.epa.gov/npdes/stormwater/swppp. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CCP Part 2.2) (see reverse for instructions)			
Stabilization Area [Add an additional sheet if necessary]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. N/A	N/A	☐ YES If yes, provide date: ☒ NO ☐ YES If yes, provide date: ☐ NO ☐ YES If yes, provide date: ☐ NO ☐ YES If yes, provide date: ☐ NO If yes, provide date: ☐ YES ☐ NO	
2.			
3.			
4.			
5.			
Description of Discharge(s) (CCP Part 4.1.6.6) (see reverse for instructions)			
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? ☐ Yes ☐ No If "yes", provide the following information for each point of discharge:			
Discharge Location [Add an additional sheet if necessary]	Observations		
1.	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? ☐ Yes ☐ No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:		
2.	Describe the discharge: At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? ☐ Yes ☐ No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue:		

Contractor or Subcontractor Certification and Signature

(see reverse for instructions)

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

Signature of Contractor or Subcontractor:

John T. Wells

Date:

6/26/17

Printed Name and Affiliation:

John Wells DW WHITE CONSTRUCTORS

Certification and Signature by Permittee

(see reverse for instructions)

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

Signature of Permittee or "Duly Authorized Representative":

Date:

Printed Name and Affiliation:

PHOTOGRAPHIC DOCUMENTATION



PHOTOGRAPH LOG

June 26, 2017



DAMAGED EC HAS BEEN REPAIRED



REMOVAL OF RAILROAD TIES



PHOTOGRAPH LOG

June 29, 2017



AREA WHERE TRACK HAS BEEN REMOVED



STAKES INDICATE BUFFER ZONE AREAS