

ENVIRONMENTAL MONITOR REPORT
JULY 16, 2018 – JULY 20, 2018

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@dot.state.ma.us
Amy Lynch, MADOT, amy.lynch@dot.state.ma.us
Tim Kelley, *Project Manager*, D.W. White, tkelley@dwwhite.com
Rich Kirby, *Environmental Monitor Team member*, LEC, RKirby@lecenvironmental.com

STATUS OF CONSTRUCTION

Commonwealth Ave Parking Lot:

- Slope from paved parking lot to the trail has been fixed. Erosion control has been added to the location where erosion has taken place.
- Detention basin was repaired, however due to the rainfall from the previous day the detention basin had signs of erosion. D.W.White will repair and add Curlex to the location where the erosion has taken place. The entrance to the parking lot was adjusted to prevent stormwater from entering this area.

Bruce Freeman Rail Trail Between Station 160 and 140:

- No areas of concern.

Support Area:

- Stockpiled soils are currently stored in the Support Area.
- Equipment is staged in the Support Area.

Bridge #19-036:

- No work on Bridge #19-036 has been conducted since last EM Report.
- Additional erosion control has been installed since the last EM Report.

Brookside Square:

- Curbing and the pedestrian walkway in Brookside Square are under construction for the next week (7/23/18 through 7/27/18).

Bruce Freeman Rail Trail Between Station 125 and 115:

- Recently placed stone dust shoulder has erosion. Stone dust should be compacted.
- Erosion control recently placed in additional areas.

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Bruce Freeman Rail Trail Between Station 115 and 65:

- No areas of concern.

Bruce Freeman Rail Trail Between Station 65 and 50:

- Erosion control added where instructed.
- Sediment was removed from areas where instructed.

Bruce Freeman Rail Trail Between Station 50 and 35:

- No areas of concern.

Powder Mill Road Pathway:

- Slope was repaired. Grass and vegetation is growing vigorously. D.W.White will repair and add Curlex to the shoulders of the path where the erosion has taken place.

WEATHER

The weather station at Hanscom Airfield records and publishes real-time precipitation data (USGS 01100568). According to the weather station, two precipitation events which totaled to be 0.34" and 1.95" occurred.

SWPPP REPORTS

Copies of the reports are kept in the construction trailer. Copies of the SWPPP Reports are included in this report as an attachment.

OBSERVATIONS

PRIME preformed a site walk on July 18, 2018, after the 1.95" rainfall event. During the site walk no evidence of sediment erosion in resource areas was present on site. The locations where erosion control reinstallation was checked and discussed with D.W.White. Photos taken on July 18, 2018 are included in the Photographic Documentation appendix.

GENERAL SUMMARY

The work at the rehabilitation bridge near Brookside Square continues, stone dust shoulder was placed on the site, curbing and the pedestrian walkway in Brookside square are currently under construction and erosion control has been reinstalled on key areas along the trail. The site remained stable.

SWPPP REPORTS

Name of Project		Bruce Freeman Rail Trail		General Information (see reverse for instructions)	
Inspector Name, Title & Contact Information		CGP Tracking No.		Inspection Date	
John Viens-Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwhite.com, (774) 320-5830		MAR10008B		7/23/18	
Present Phase of Construction					
MAIN ST. INTERSECTION - RE-HAS BRIDGE					
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)					
ENTIRE SITE					
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: HANSCOM AIR FORCE BASE Total rainfall amount that triggered the inspection (in inches): 7/18 1.54" 7/22 .26"					
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 (GGP Part 2.1)

Notes

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. Commonwealth RET. POND	☒ Yes ☐ No	☒ Yes ☐ No	7/25/18	NEED APPLY SOME COMPLEX MATERIAL ON SLOPES - MATERIAL WAS BACK - ORDERED
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. Repairs and maintenance are those conditions that require corrective action to keep controls in effective operating condition.

* **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/nodes/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 Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. N/A	☐ Yes ☐ No	☐ Yes ☐ No		N/A
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		

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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:	
2.		☐ YES If yes, provide date:	
3.		☐ YES If yes, provide date:	
4.		☐ YES If yes, provide date:	
5.		☐ YES If yes, provide date:	

Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? ☐ Yes ☐ No	Discharge Location [Add an additional sheet if necessary]	Observations
1. NONE AT THIS TIME		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 K. Vignos

Printed Name and Affiliation:

JOHN VIGNOS DW WHITE CONSTRUCTION

Date:

7/23/08

Permittee 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 Permittee or

"Duly Authorized Representative":

Date:

Printed Name and Affiliation:

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 K. Vignos

Date:

7/13/03

Printed Name and Affiliation:

JOHN VIGNOS R/W WHITE CONSTRUCTION

Permittee 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 Permittee or "Duly Authorized Representative":

Date:

Printed Name and Affiliation:

Name of Project		Bruce Freeman Rail Trail		General Information (See reverse for instructions)	
Inspector Name, Title & Contact Information		CGP Tracking No. MAR10008B		Inspection Date 7/18/18	
Present Phase of Construction		John Viens- Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwhite.com. (774) 320-5830			
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)		SHOULDER SUBGRADE - REHAB BRIDGE ENTIRE SITE			
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: HANSON MC PACE BASE Total rainfall amount that triggered the inspection (in inches): 7/6 .32 7/17 .43					
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:					

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. LE-HAB BRIDGE		☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No		REPAIRED SOME STONE WALLS
2.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
3.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
4.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
5.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
6.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
7.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
8.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
9.		☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No		
10.		☐ Yes ☐ No	☐ 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 with the requirements in 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 Other 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 Area [Add an additional sheet if necessary]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. <i>u/a</i>	<i>n/a</i>	☐ YES If yes, provide date:	
2.		☐ YES If yes, provide date:	
3.		☐ YES If yes, provide date:	
4.		☐ YES If yes, provide date:	
5.		☐ YES If yes, provide date:	

Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? ☐ Yes ☐ No	Discharge Location [Add an additional sheet if necessary]	Observations
1. <i>NONE AT THIS TIME</i>		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:

Name of Project		Bruce Freeman Rail Trail		General Information (see reverse for instructions)	
Inspector Name, Title & Contact Information		CGP Tracking No.	MAR10008B	Inspection Date	7/27/18
Present Phase of Construction					
John Viens- Supt. D. W. White Construction, Inc., 867 Middle Rd. Acushnet, MA 02743, jviens@dwwhite.com, (774) 320-5830					
Inspection Location (if multiple inspections are required, specify location where this inspection is being conducted)					
MAIN ST INTERSECTION - R5400 BRIDGE					
ENTIRE SITE					
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: HANSCOM AIR FORCE BASE					
Total rainfall amount that triggered the inspection (in inches): 7-26 0.61" 7-27 0.75"					
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 (EAS) Controls (GGP Part 2.1)				
Type/Location of EAS 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. POWDER MILL RD. SERPENTINE PATH	☐ Yes ☒ No	☐ Yes ☒ No		LOCALS MADE CRUSHED STONE MAKE-SHIRT BRIDGE OVER SEASONAL STREAM - WE WILL MONITOR
2. AREA	☐ 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/swbap. See Part 5 of the permit for more information.

Condition and Effectiveness of Pollution Prevention Practices (CGP Part 2.3)				
Type/Location of P2 Practices [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. COMMONWEALTH DET. POND	☒ Yes ☐ No	☒ Yes ☐ No	7/25	INSTALLED BERM AT ROADWAY TO PREVENT RAIN RUN OFF AT ROADWAY TO DRAIN INTO POND
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 Area [Add an additional sheet if necessary]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. N/A	N/A	☐ YES If yes, provide date: ☐ YES If yes, provide date: ☐ YES If yes, provide date: ☐ YES If yes, provide date: ☐ YES If yes, provide date:	N/A
2.			
3.			
4.			
5.			

Discharge Location [Add an additional sheet if necessary]	Observations
1. NONE AT THIS TIME	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:

Printed Name and Affiliation:

John Kilian
John Kilian DW WHITE CONSTRUCTION

Date:

7/27/18

Permittee or Authorized Representative 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 Permittee or

"Duly Authorized Representative":

Printed Name and Affiliation:

Date:

WEATHER REPORTS

TIME

Jul 1

Jul 2

Jul 3

Jul 4

Jul 5

Jul 6

Jul 7

Jul 8

Jul 9

Jul 10

Jul 11

Jul 12

Jul 13

Jul 14

Jul 15

Jul 16

Jul 17

Jul 18

Jul 19

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Available data for this site

Time-series: Current/Historical Observations

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station-specific text

LOCATION

--Lat 42°28'01", long 71°16'22", Middlesex County, Hydrologic Unit 01070002, on left bank, 300 ft downstream from FAA hangar at Hanscom Field and 1.6 mi south of Bedford.

DRAINAGE AREA

--2.13 mi².

PERIOD OF RECORD

--Discharge: October 1995 to current year.

Precipitation: October 1996 through September 1999, October 2002 to September 2004.

Water quality: water years 1995-2001.

GAGE

--Data Collection Platform with satellite telemeter. Datum of gage is 115 ft above National Geodetic Vertical Datum of 1929 (from topographic map).

REMARKS

-- Discharge values are highly provisional and will change significantly after thorough check and review of data. Gage-height values are accurate. Precipitation gage re-established on site February 2013.

COOPERATION BY

--U. S. Air Force

The precipitation data for this station are temporary and will only be displayed for 120 days. Time series of 15-minute or cumulative daily values WILL NOT be available for retrieval following the 120-display period. Although the instrumentation is calibrated at least once/year, the temporary classification means that documented routine inspections and other quality assurance measures are not performed that would make the data acceptable for archival, retrieval, or future use in general scientific or interpretive studies.

Boating safety tips

This station managed by the Northborough MA Field Office.

Available Parameters

Available Period

All 3 Available Parameters for this site

00045 Precipitation

00060 Discharge

00065 Gage height

2018-03-29

2018-07-27

1995-10-01

2018-07-27

2007-10-01

2018-07-27

Output format

Graph

Graph w/ stats

Graph w/o stats

Graph w/ (up to 3) parms

Table

Tab-separated

Days (19)

Summary of all available data for this site

Instantaneous-data availability statement

-- or --

Begin date

2018-07-01

End date

2018-07-20

Precipitation, total, inches

TIME

Jul 1

Jul 2

Jul 3

Jul 4

Jul 5

Jul 6

Jul 7

Jul 8

Jul 9

Jul 10

Jul 11

Jul 12

Jul 13

Jul 14

Jul 15

Jul 16

Jul 17

Jul 18

Jul 19

Jul 20

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

C

F

TIME	Jul 1	Jul 2	Jul 3	Jul 4	Jul 5	Jul 6	Jul 7	Jul 8	Jul 9	Jul 10	Jul 11	Jul 12	Jul 13	Jul 14	Jul 15	Jul 16	Jul 17	Jul 18	Jul 19	Jul 20
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PHOTOGRAPHIC DOCUMENTATION



PHOTOGRAPH LOG

July 18, 2018

BRUCE FREEMAN RAIL TRAIL
CONCORD, MA



COMMONWEALTH AVE PARKING LOT DETENTION BASIN REPAIRED. NEEDS FURTHER MEASURES.



REHABILITATION BRIDGE (C-19-036) NEAR BROOKSIDE EROSION CONTROL ADDED.



PHOTOGRAPH LOG

July 18. 2018



CURBING ADDED TO PARKING LOT NEAR BROOKSIDE SQUARE.



CURBING ADDED TO PARKING LOT NEAR BROOKSIDE SQUARE.



PHOTOGRAPH LOG

July 18, 2018



EROSION CONTROL ADDED ALONG BRIDGE #19-038.



TYPICAL STONE DUST SHOULDER EROSION AFTER RAINFALL EVENT.



PHOTOGRAPH LOG

July 18, 2018



SEDIMENT REMOVED BETWEEN STATION 65 AND 50.



EROSION CONTROL INSTALLED BETWEEN STATION 65 AND 50.



BRUCE FREEMAN RAIL TRAIL
CONCORD, MA

PHOTOGRAPH LOG

July 24, 2018



POWDER MILL ROAD PATHWAY AFTER REPAIRS AND RAINFALL.