



Grafton & Upton Railroad Company

42 Westboro Rd.

North Grafton, MA 01536

508-481-6095 * Fax 508-460-0578

November 4, 2022

United States Environmental Protection Agency (EPA)
Region I – 5 Post Office Square, Suite 100
Boston, MA 02109-3912

Attn: Kenneth Moraff, Director Water Division
Newton Tedder, Senior Permit Writer - Stormwater Section
Andrew Spejewski

Re: 2nd Response to RFI Regarding 364 West Street, Hopedale Massachusetts
NPDES ID MAR1002EB - Construction General Permit (CGP)

Dear Mr. Moraff,

This letter / information is the 2nd response to letters received by the Grafton Upton Railroad Company (GU) and prepared by the United States Environmental Protection Agency (EPA), Region 1, Dated electronically 06-22-2022, Request for Information (RFI) regarding 364 West Street, Hopedale, MA, **NPDES ID MAR1002EB**. The first response by GU, dated August 5, 2022, was germane to the 6-22-22 letter. This 2nd response includes updated information to address RFI in the 6-22-22 letter **plus** the additional letter GU received from the EPA, dated September 23, 2022, Follow up RFI, from Andrew Spejewski.

Update / Narrative:

1. Erosion control measures are installed, where appropriate and per the SWPP Plan. Tree Harvesting of approximately 100 Acres has been completed and the removal of the Harvested trees is completed. The SWPP is implemented continually, as it relates to tree harvesting, erosion control and field inspections. The SWPP implementation has continued in way of modifying / enlarging / constructing the temporary sedimentation basins to be adequate to handle the two-year storm event. The management and repair of erosion control on an as needed is being implemented continuously. Field inspections / reports are done in compliance with the SWPP. The areas of tree harvesting still have the existing ground cover intact (stumps,

groundcover, shrubs, topsoil/mulch, etc.), excluding the haul road required to access the harvested trees. Well Water exploration activities have begun and are on-going. No work has begun in terms of construction pertaining to the construction and development of the overall Master Plan for the Transloading & Logistics Project (buildings, rail lines, parking areas, etc.). The project and site are currently in litigation in federal court and construction and development activities have been frozen until case is ruled on this also includes further designing, layout, grading, final design of the site including the overall drainage design / analysis.

2. Some advancements have been made (since the August 5, 2022, response letter from GU) in terms of site design and layout for the Rail Development Project. This Master Plan Transloading & Logistics plan shows building layout, Rail logistics, roadways, and other infrastructure. As the design continues, the stormwater design will continue. The stormwater design will include Best Management Practices (BMP's), such as Detention Basins, Recharge Areas, Water Quality Basins. The stormwater design will mitigate all Pre & Post Peak Flow Rates, Remove the required annual loading of Total Suspended Solids, Phosphorous and Nitrogen as required by the EPA's Region I Stormwater Requirements. Should a Federal 404 permit be required, such permit will be applied for.
3. A drainage analysis has been performed analyzing the drainage areas that contribute to the existing temporary sedimentation basins to ensure the temporary basins are sized to control the two-year storm event. Some existing basins were increased in size and some new basins were added to the site since the August 5, 2022, letter and following the September 6, 2022, site inspection by the EPA (Andrew Spejewski). When Mr Spejewski visited the site, there was a significant rail event that exceeded a two-year storm event and additional mitigation was done on site that exceed the two-year event requirements.
4. Grafton Upton Railroad Company and the EPA had a meeting along with MassDEP representatives on October 6, 2022, informal discussions pertaining to the GU company along with items pertaining to the site / project itself. The meeting was a collaborative effort in sharing design information and to discuss items of concern / input from the EPA / DEP, which GU appreciates the time and efforts of all involved. Further meetings will be held following court ruling.

Response:

The following information is the response to the two, above referenced letters from the EPA. The format shows the requested information by the EPA in *italic* and the response is just below the *requested information* **in bold**.

Enclosure 1 - Information Requested

Re: Request for Information Regarding 364 West Street in Hopedale Massachusetts

By July 25, 2022, provide to EPA the following information:

- **The new deadline to submit the 2nd response to requested information was extended to November 7, 2022.**
1. *Your facility's National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP) Stormwater Pollution Prevention Plan (SWPPP) for NPDES ID MAR1002EB*
 - **SWPP has been updated showing the temporary sedimentation basins, designed to handle the two-year storm event after timber harvesting, no development and construction activities have begun at site, see attachment (Exhibit A).**
 2. *All site inspection reports conducted to date consistent with Part 4.7 of the CGP*
 - **Attached is Exhibit B showing the inspection reports.**
 3. *All turbidity sampling results done in compliance with Part 3.3 of the CGP conducted to date.*
 - **No turbidity sampling has been performed to date as there has been NO Dewatering Activity on the site, to date. The project / site is not in the construction or development phase. The project has not started the final design phase. There are no designed discharge points currently and no discharge points from dewatering, as there has been no dewatering.**
 4. *All calculations conducted demonstrating that sediment basins used for stormwater control during construction meet the sizing requirements of 2.2.12.c of the CGP*
 - **Construction Activity for the site has not started. The current activity is associated with Tree Harvesting, some minor activities associated with such forestry activities are:**
 - **The installation of a temporary gravel haul road for the trucking of the forestry products. Erosion control measures are installed in the lower areas closer to the wetland system.**
 - **Temporary sedimentation basins have been designed, modified, and constructed to capture the two-year storm event of the current, existing conditions (see Exhibit A). The temporary sedimentation basins associated with the drainage / run off from the gravel haul road has been sized appropriately using higher "curve" numbers. These temporary sedimentation basins are temporary in nature and will either**

be expanded upon or relocated during the final design phase of the project. The final sedimentation basins to be used during construction, will be designed, and incorporated into the overall larger detention basins, which will be sized to handle, at the minimum, the two-year storm event. During construction, the site will have more runoff and higher volumes to mitigate. Mitigation will be through the final designing of the drainage system, incorporating Low Impact Design (LID's) aspects and all basins (both temporary and permanent) will be design and sized in accordance with 2.2.12.c of the CGP.

5. *Planned final site design maps, drawings, and other documentation that includes the following information:*
 - a. *Extent of area in acres of tree removal planned and extent of tree removal conducted to date*
 - **Site has undergone tree harvesting, to date there has been approximately 100 Acres harvested with an additional 20 Acres to be harvested in the future when site infrastructure and construction begins. See Exhibit A, SWPP Plan and Exhibit C, Transloading & Logistics Site Plan.**
 - b. *Description and extent of all planned activities on site including any industrial activity and associated SIC code consistent with the 2021 Multi Sector General Permit¹*
 - **Although we are not in final design pending court decision, based on the Master Plan this will be a transloading logistics center, the activity will focus on unloading and loading rail cars with temporary logistics storage of the commodities that are transloaded.**
 - c. *Final site design maximum daily users of the site*
 - **Although we are not in final design pending court decision, based on the Master Plan this will be a transloading logistics center, the employees could range from 100 to 300 over full development depending on the intensity of the transloading that will most likely be phased in over a decade.**
 - d. *Planned building footprints in square feet and associated activity for each building*
 - **Per the Transloading & Logistics Site Plan, the proposed building footprint areas are as follows (in square footage): Phase I = 418,176 SF (9.6 Ac.), Phase II = 988,812 SF (22.7 Ac.), Phase III = 43,560 SF (1.0 Ac.), Phase IV = 113,256 SF (2.6 Ac.), for a total of approximately 1,563,804 SF (35.9 Ac.)**

- of building footprint.**
- e. *Planned pipe network extent and storm drain inlet locations*
 - **Although we are not in final design pending court decision, the pipe network will be designed based on the Master Plan when it is finalized. All Drainage will be designed in accordance with the EPA's Region 1's Requirements.**
 - f. *Planned stormwater outfall locations and receiving waterbody name*
 - **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Outfalls from the Structural controls will be in accordance with EPA's Region 1's Best Management Practices, incorporating Low Impact Development (LID's) where possible.**
 - **The Receiving waterbody name is the Mill River upgradient of Hopedale Pond.**
 - g. *Estimate of planned impervious area in square feet draining to each planned outfall² and all planned industrial activities within each outfall drainage area*
 - **Per the Transloading & Logistics Site Plan, the proposed impervious areas (including buildings) are as follows (in square feet): Phase I = 853,776 SF (19.6 Ac.), Phase II = 1,690,128 SF (38.8 Ac.), Phase III = 291,853 SF (6.7 Ac.), Phase IV = 213,444 SF (4.9 Ac.) for a total of approximately 3,049,200 SF (70 Acres) of impervious surfaces, of which 1,563,804 SF (35.9 Ac.) are roof tops.**
 - h. *Estimate of average annual total phosphorus, total nitrogen and total suspended solids loads delivered to receiving waterbodies from each planned outfall in pounds per year³, and an estimate of average annual flow volume in cubic feet delivered from each planned outfall, including final spreadsheet used for all calculations*
 - **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Calculations will be in accordance with EPA's Region 1 pollutant loading calculations found in EPA Region 1's Best Management Practice Accounting and Tracking Tool (BATT) version 2.1 or other stormwater pollutant loading analysis.**
6. *Planned structural stormwater controls to be installed to control post-construction stormwater runoff including:*
 - a. *Planned location of structural control*
 - **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Structural controls will be in accordance with EPA's Region 1 pollutant loading calculations found in EPA Region 1's Best Management Practices.**
 - b. *Outfall associated with each planned structural control*
 - **Although we are not in final design pending court decision, the**

drainage system will be designed per the final Master Plan. Outfalls from the Structural controls will be in accordance with EPA's Region 1's Best Management Practices.

- c. *Planned structural control type (i.e. infiltration trench, permeable pavement, etc.) consistent with naming convention found here: <https://www3.epa.gov/region1/npdes/stormwater/tools/bmp-crosswalk.pdf>*
- **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Structural controls will be in accordance with EPA's Region 1's Best Management Practices.**
- d. *Design specifications of each planned structural control including design storage volume in cubic feet⁴, including final spreadsheet used for calculations as applicable*
- **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Structural controls will be in accordance with EPA's Region 1's Best Management Practices. All data and calculations will be provided in the final Drainage Analysis / Hydrologic Report.**
- e. *Estimate of average annual total phosphorus, total nitrogen and total suspended solids loads in pounds per year removed by each planned stormwater control⁵, and an estimate of average annual water volume infiltrated in cubic feet by each planned stormwater control, including final spreadsheet used for all calculations*
- **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Structural controls will be in accordance with EPA's Region 1 pollutant loading calculations found in EPA Region 1's Best Management Practices.**
- f. *Long-term operation and maintenance procedures and requirements for each planned structural stormwater control*
- **Although we are not in final design pending court decision, the drainage system will be designed per the final Master Plan. Structural controls will be in accordance with EPA's Region 1 Best Management Practices. A detailed Operation and Maintenance program / report will be provided for the all of the proposed drainage components / BMP's.**

Statement of Certification for the Grafton and Upton Railroad Company

I declare under penalty of perjury that I am authorized to respond on behalf of the Grafton and Upton Railroad Company. I certify that the foregoing responses and information submitted were prepared under my direction, and that I have personal knowledge of the matters set forth in the responses and the accompanying information. I certify that to the best of my knowledge the responses are true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.



signature

Michael Milanoski

name

President

title

November 4, 2022

date

Exhibit "A"

Updated SWPP Plan & Drainage Calculations

D&L Design Group, Inc.

HYDRAULIC / HYDROLOGIC CALCULATIONS

**Existing Site
at
364 West Street
Hopedale Massachusetts**

Prepared For:
Grafton/Upton Railroad

Prepared By:
**D&L Design Group, Inc.
115 Water Street
Milford, Massachusetts**

November 1, 2022

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DRAINAGE SUMMARY

D&L Design Group, Inc. is pleased to provide the following Hydraulic / Hydrologic analysis for 364 West Street in Milford, Massachusetts. The hydrologic conditions were analyzed using TR-55 and HydroCAD® for the 2 year storm event utilizing Technical Paper 40, 24 hour Rainfall events. Per the EPA regulations the temporary settling ponds on the site must be design and sized to handle the 2 year storm event. The Site is not currently under construction and the final design plans are in the process of conceptual design plans. No particular uses of the proposed buildings and final site layouts have been finalized. The project is in the conceptual stages to date. Currently the Site has had tree harvesting performed

EXISTING CONDITIONS: The project is located at 364 West Street near the town line of Hopedale, Mendon and Milford Ma. The existing tracks for Grafton Upton Railroad are located through the center of the parcels. The total parcel size is roughly 194.0 acres.

The topography of the site slopes from South to North toward the existing railroad tracks located at the center of the project and then slopes South to North from the existing railroad tracks to the wetland located at the lower area of the project. The wetlands have been flagged by Goddard Consulting. The wetlands are located upgradient of the Mill River and Hopedale Pond. Existing elevations at the highest point of the project is roughly 550 and the elevation at the railroad tracks are 480. The elevations of the wetlands at the lowest point of the project are 280.

For the purpose of the analysis is to evaluate and treat runoff generated from the current conditions to date. The Parcel was analyzed for each drainage area indivial to the corresponding temporary settling basin. (See Drainage Area Plan) This was done to ensure that each settling basin could meet the required EPA regulation, which states that settling basin must be design for the 2 year storm event generated per drainage area. In the Current Conditions, Sub catchments 1 thru 6 represents the tributary area of the property that flows to each settling pond prior to the existing wetlands.

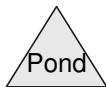
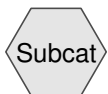
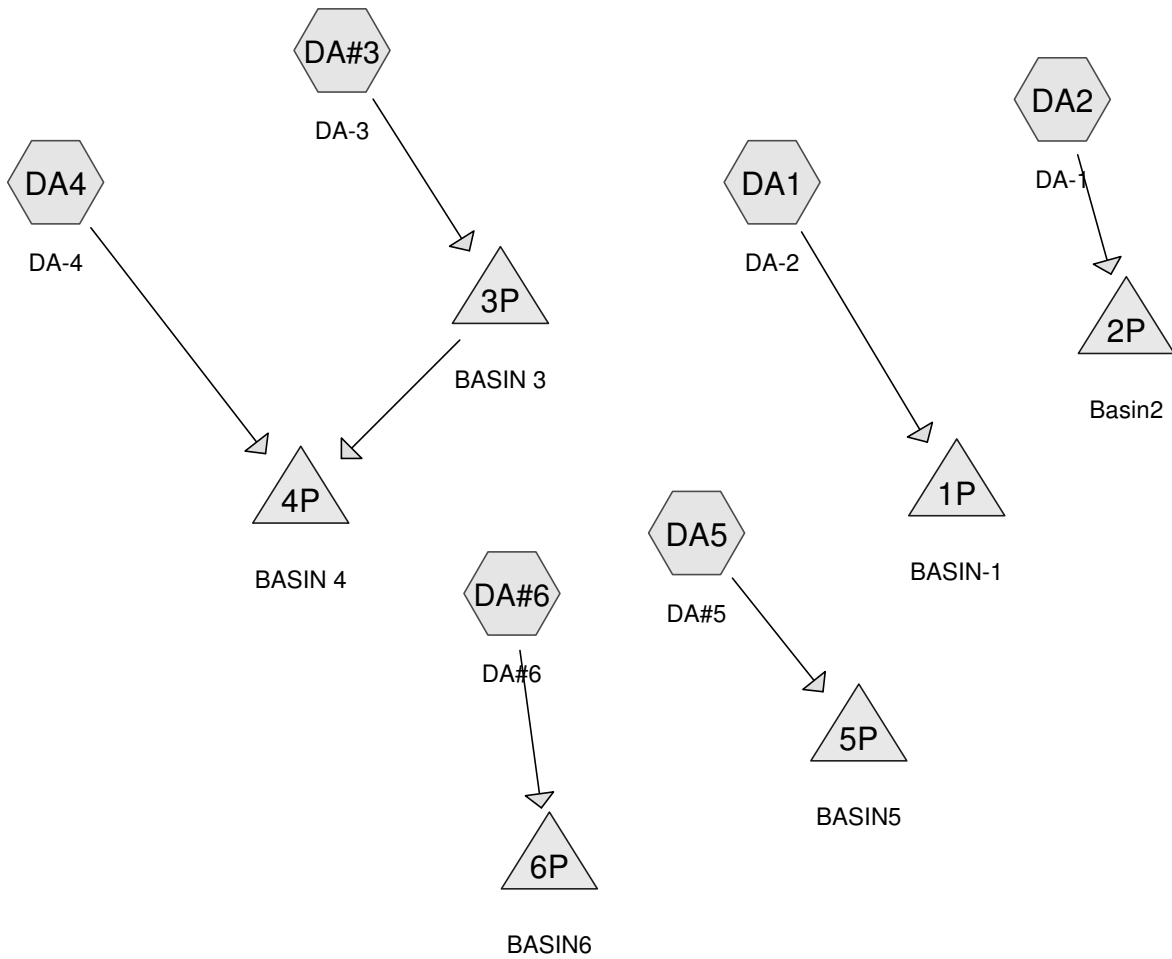
According to the online USGS soil survey, the analyzed area consists of soils with "C" hydrologic ratings. Per the soil map the soil on site are Montauk, Scituate and Chatfield-Hollis. The cover consists of predominantly woodland area.

Current Conditions:

The current conditions of the Site consist of a haul road into the site and across the existing railroad tracks to a staging area at the south side of the tracks. The site also has several settling ponds located throughout the project that have been sized accordingly. The current ground cover consists of original ground cover throughout the parcel with the stumps of the harvested trees. The haul road location consists of gravel to the existing staging areas and settling basins have been stabilized and hydroseeded to date.

Temporary sedimentation basins have been designed, modified, and constructed to capture the two-year storm event of the existing conditions currently (see Exhibit C). The temporary sedimentation basins associated with the drainage / run off from the haul road has been sized appropriately using higher "curve" numbers. These temporary sedimentation basins are temporary in nature and will either be expanded upon or relocated during the final design phase of the project. The final sedimentation basins to be used during construction, will be designed

and incorporated into the overall larger detention basins, which will be sized to handle, at the minimum, the two-year storm event. During construction, the site will have more runoff and higher volumes to mitigate. Mitigation will be through the final designing of the drainage system. All basins (both temporary and permanent) will be design and sized in accordance with 2.2.12.c of the CGP. In order to analyze the surface water flows, the site was divided into multiple Subcatchments, Ponds and a Reaches



Routing Diagram for Grafton Upton Rail Road Sizing Temp Basins

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Grafton Upton Rail Road Sizing Temp Basins

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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
0.762	96	Gravel surface, HSG C (DA2)
109.038	70	Woods, Good, HSG C (DA#3, DA#6, DA1, DA2, DA4, DA5)
109.800	70	TOTAL AREA

Grafton Upton Rail Road Sizing Temp Basins

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
109.800	HSG C	DA#3, DA#6, DA1, DA2, DA4, DA5
0.000	HSG D	
0.000	Other	
109.800		TOTAL AREA

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Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	0.762	0.000	0.000	0.762	Gravel surface	DA2
0.000	0.000	109.038	0.000	0.000	109.038	Woods, Good	DA#3, DA#6, DA1, DA2, DA4, DA5
0.000	0.000	109.800	0.000	0.000	109.800	TOTAL AREA	

Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Time span=5.00-20.00 hrs, dt=0.05 hrs, 301 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment DA#3: DA-3 Runoff Area=32.500 ac 0.00% Impervious Runoff Depth>0.85"
Flow Length=1,063' Tc=19.1 min CN=70 Runoff=22.39 cfs 2.309 af

Subcatchment DA#6: DA#6 Runoff Area=431,427 sf 0.00% Impervious Runoff Depth>0.85"
Flow Length=485' Tc=13.0 min CN=70 Runoff=7.90 cfs 0.706 af

Subcatchment DA1: DA-2 Runoff Area=382,984 sf 0.00% Impervious Runoff Depth>0.85"
Flow Length=1,029' Tc=18.7 min CN=70 Runoff=6.10 cfs 0.625 af

Subcatchment DA2: DA-1 Runoff Area=188,148 sf 0.00% Impervious Runoff Depth>1.12"
Flow Length=1,267' Tc=22.7 min CN=75 Runoff=3.82 cfs 0.403 af

Subcatchment DA4: DA-4 Runoff Area=44.610 ac 0.00% Impervious Runoff Depth>0.85"
Flow Length=1,832' Tc=25.8 min CN=70 Runoff=27.25 cfs 3.158 af

Subcatchment DA5: DA#5 Runoff Area=421,427 sf 0.00% Impervious Runoff Depth>0.85"
Flow Length=1,250' Tc=22.5 min CN=70 Runoff=6.25 cfs 0.686 af

Pond 1P: BASIN-1 Peak Elev=303.73' Storage=4,085 cf Inflow=6.10 cfs 0.625 af
Discarded=0.07 cfs 0.046 af Primary=6.43 cfs 0.499 af Outflow=6.50 cfs 0.545 af

Pond 2P: Basin2 Peak Elev=311.11' Storage=8,804 cf Inflow=3.82 cfs 0.403 af
Discarded=0.07 cfs 0.045 af Primary=1.04 cfs 0.163 af Outflow=1.11 cfs 0.208 af

Pond 3P: BASIN 3 Peak Elev=375.84' Storage=10,453 cf Inflow=22.39 cfs 2.309 af
Discarded=0.09 cfs 0.053 af Primary=22.21 cfs 2.075 af Outflow=22.30 cfs 2.128 af

Pond 4P: BASIN 4 Peak Elev=352.91' Storage=4,069 cf Inflow=48.62 cfs 5.233 af
Discarded=0.09 cfs 0.012 af Primary=47.71 cfs 5.219 af Outflow=47.81 cfs 5.231 af

Pond 5P: BASIN5 Peak Elev=281.54' Storage=21,594 cf Inflow=6.25 cfs 0.686 af
Discarded=0.18 cfs 0.119 af Primary=0.38 cfs 0.076 af Outflow=0.56 cfs 0.195 af

Pond 6P: BASIN6 Peak Elev=301.70' Storage=11,707 cf Inflow=7.90 cfs 0.706 af
Discarded=0.10 cfs 0.067 af Primary=3.56 cfs 0.387 af Outflow=3.66 cfs 0.454 af

Total Runoff Area = 109.800 ac Runoff Volume = 7.887 af Average Runoff Depth = 0.86"
100.00% Pervious = 109.800 ac 0.00% Impervious = 0.000 ac

Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Summary for Subcatchment DA#3: DA-3

Runoff = 22.39 cfs @ 12.30 hrs, Volume= 2.309 af, Depth> 0.85"

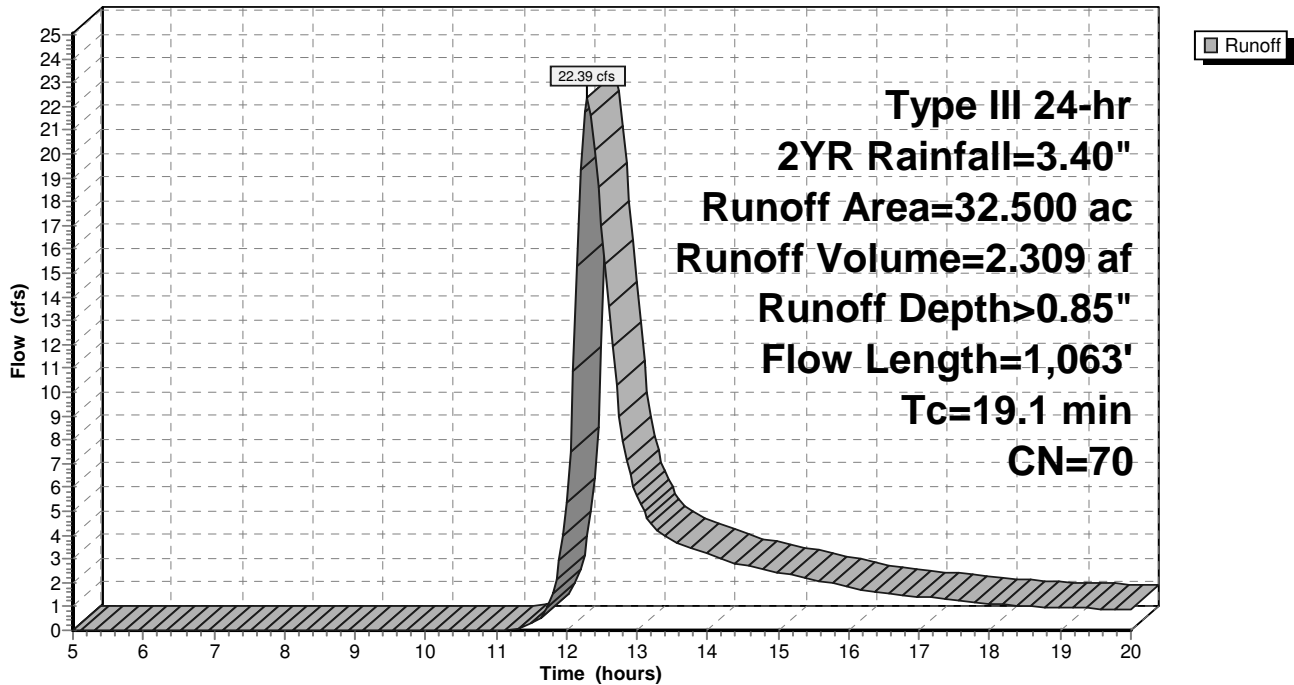
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 2YR Rainfall=3.40"

Area (ac)	CN	Description
32.500	70	Woods, Good, HSG C
32.500		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.4	50	0.0500	0.10		Sheet Flow, TRAVEL PATH A TO B
10.7	1,013	0.1000	1.58		Woods: Light underbrush n= 0.400 P2= 3.30" Shallow Concentrated Flow, TRAVEL PATH B TO C
19.1	1,063	Total			Woodland Kv= 5.0 fps

Subcatchment DA#3: DA-3

Hydrograph



Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Summary for Subcatchment DA#6: DA#6

Runoff = 7.90 cfs @ 12.20 hrs, Volume= 0.706 af, Depth> 0.85"

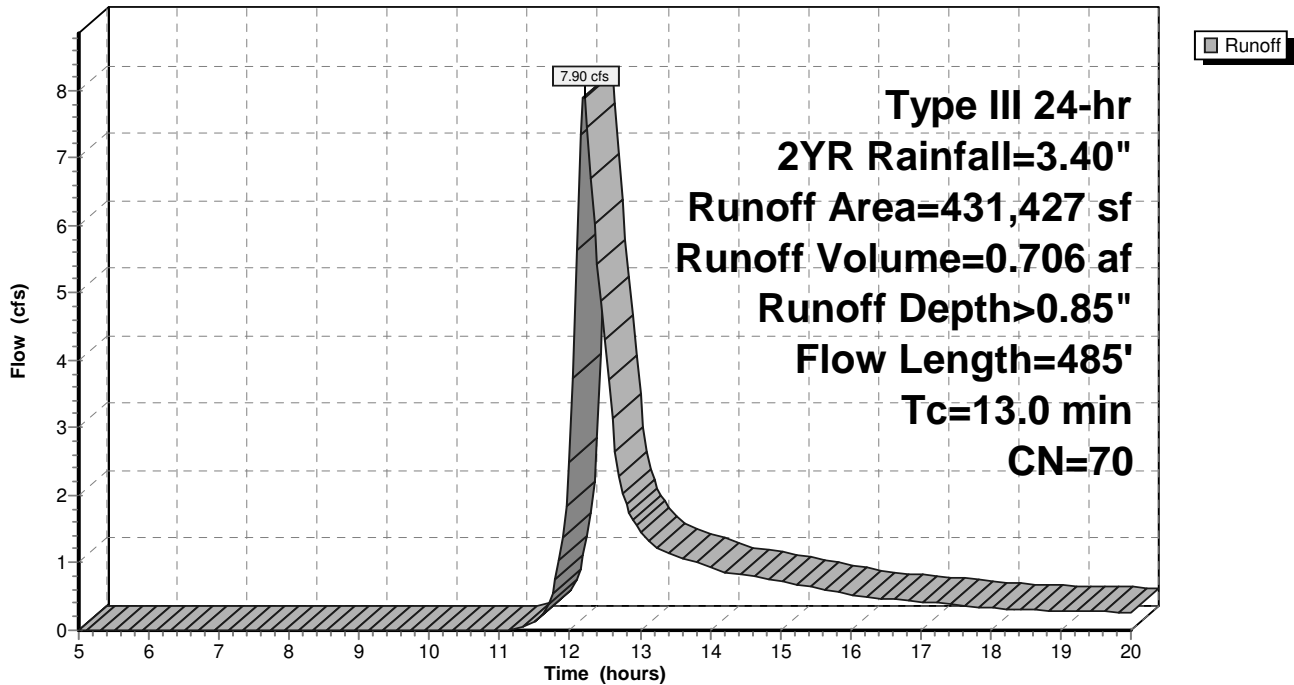
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 2YR Rainfall=3.40"

Area (sf)	CN	Description
431,427	70	Woods, Good, HSG C
431,427		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.4	50	0.0500	0.10		Sheet Flow, TRAVEL PATH A TO B
					Woods: Light underbrush n= 0.400 P2= 3.30"
4.6	435	0.1000	1.58		Shallow Concentrated Flow, TRAVEL PATH B TO C
					Woodland Kv= 5.0 fps
13.0	485	Total			

Subcatchment DA#6: DA#6

Hydrograph



Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Summary for Subcatchment DA1: DA-2

Runoff = 6.10 cfs @ 12.29 hrs, Volume= 0.625 af, Depth> 0.85"

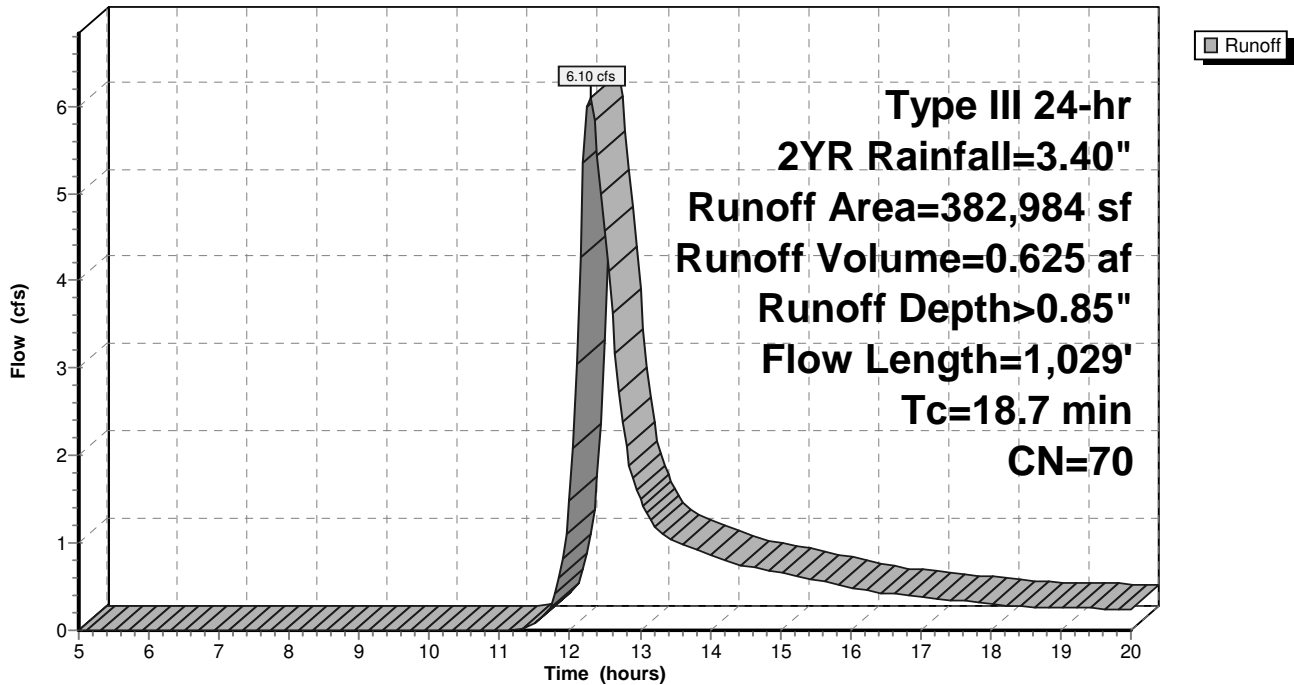
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 2YR Rainfall=3.40"

Area (sf)	CN	Description
382,984	70	Woods, Good, HSG C
382,984		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.4	50	0.0500	0.10		Sheet Flow, TRAVEL PATH A TO B
10.3	979	0.1000	1.58		Woods: Light underbrush n= 0.400 P2= 3.30" Shallow Concentrated Flow, TRAVEL PATH B TO C
18.7	1,029	Total			Woodland Kv= 5.0 fps

Subcatchment DA1: DA-2

Hydrograph



Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Summary for Subcatchment DA2: DA-1

Runoff = 3.82 cfs @ 12.34 hrs, Volume= 0.403 af, Depth> 1.12"

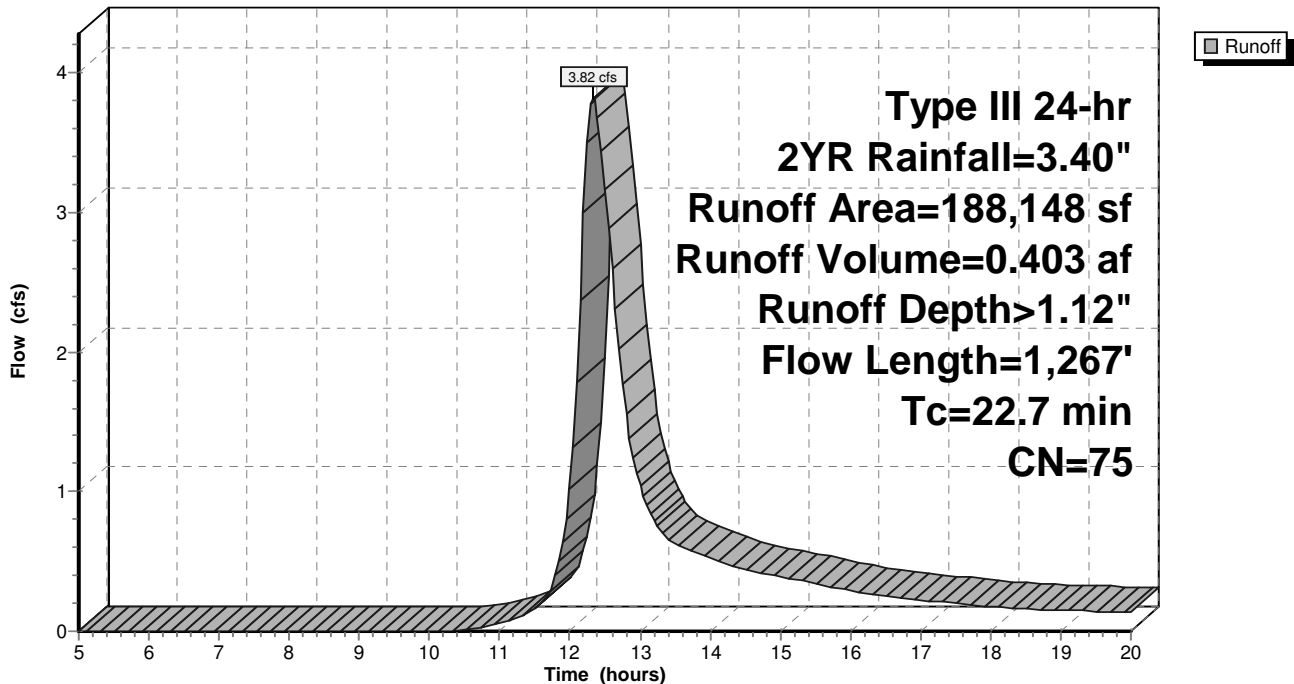
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 2YR Rainfall=3.40"

Area (sf)	CN	Description
33,201	96	Gravel surface, HSG C
154,947	70	Woods, Good, HSG C
188,148	75	Weighted Average
188,148		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.4	50	0.0500	0.10		Sheet Flow, travel path a to b
14.3	1,217	0.0800	1.41		Woods: Light underbrush n= 0.400 P2= 3.30" Shallow Concentrated Flow, travel path b to c
22.7	1,267	Total			Woodland Kv= 5.0 fps

Subcatchment DA2: DA-1

Hydrograph



Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Summary for Subcatchment DA4: DA-4

Runoff = 27.25 cfs @ 12.40 hrs, Volume= 3.158 af, Depth> 0.85"

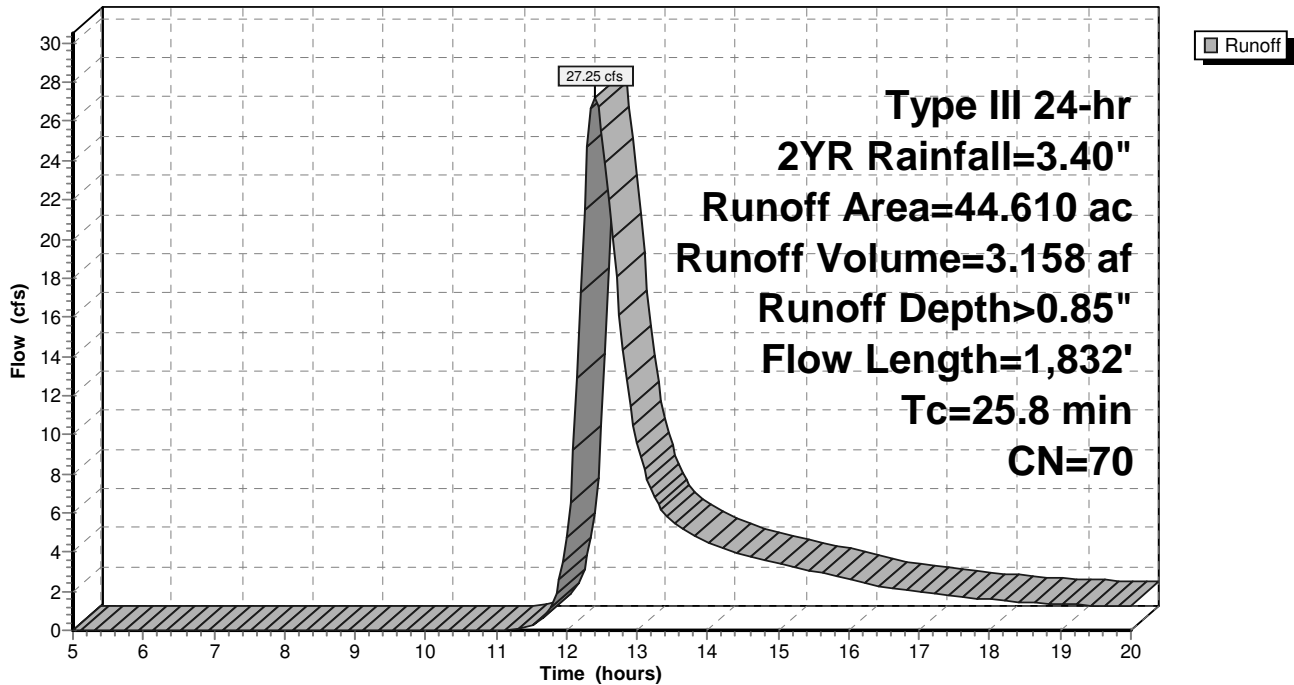
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 2YR Rainfall=3.40"

Area (ac)	CN	Description
44.610	70	Woods, Good, HSG C
44.610		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.0	50	0.0800	0.12		Sheet Flow, TRAVEL PATH A TO B
18.8	1,782	0.1000	1.58		Woods: Light underbrush n= 0.400 P2= 3.30" Shallow Concentrated Flow, TRAVEL PATH B TO C Woodland Kv= 5.0 fps
25.8	1,832	Total			

Subcatchment DA4: DA-4

Hydrograph



Grafton Upton Rail Road Sizing Temp Basins

Type III 24-hr 2YR Rainfall=3.40"

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Summary for Subcatchment DA5: DA#5

Runoff = 6.25 cfs @ 12.35 hrs, Volume= 0.686 af, Depth> 0.85"

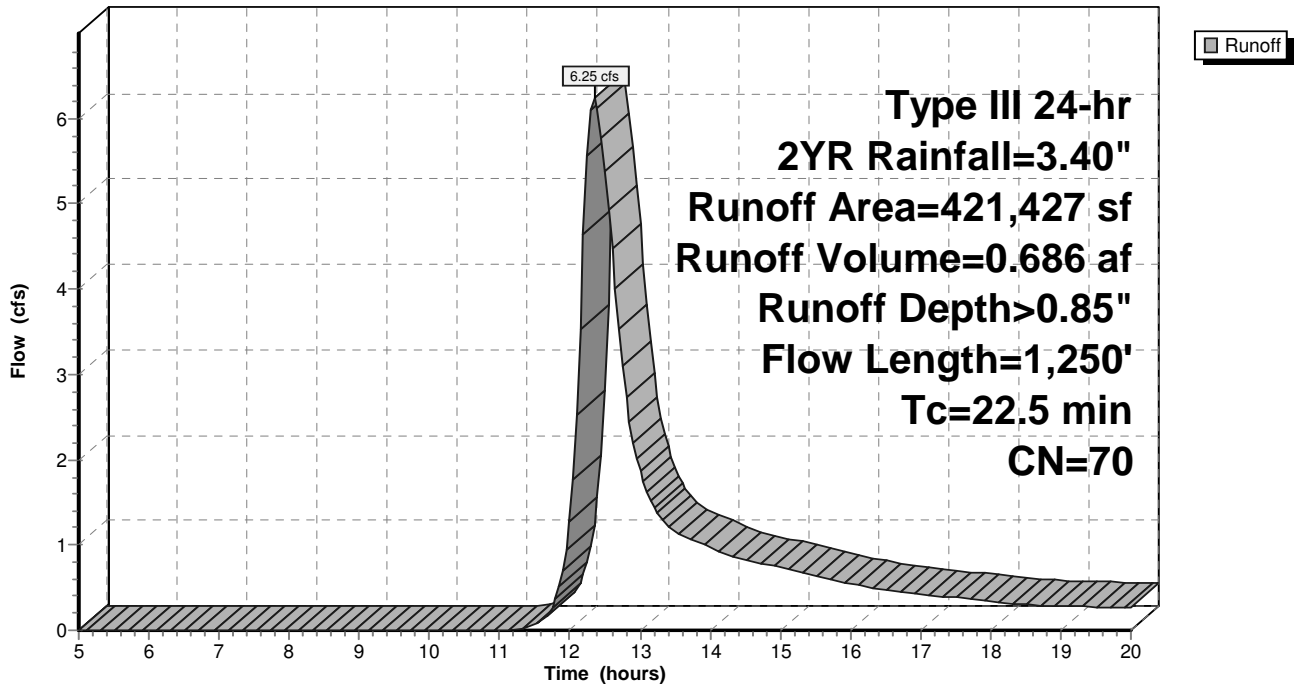
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr 2YR Rainfall=3.40"

Area (sf)	CN	Description
421,427	70	Woods, Good, HSG C
421,427		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.4	50	0.0500	0.10		Sheet Flow, TRAVEL PATH A TO B
					Woods: Light underbrush n= 0.400 P2= 3.30"
14.1	1,200	0.0800	1.41		Shallow Concentrated Flow, TRAVEL PATH B TO C
					Woodland Kv= 5.0 fps
22.5	1,250	Total			

Subcatchment DA5: DA#5

Hydrograph



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Type III 24-hr 2YR Rainfall=3.40"

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Summary for Pond 1P: BASIN-1

Inflow Area = 8.792 ac, 0.00% Impervious, Inflow Depth > 0.85" for 2YR event
 Inflow = 6.10 cfs @ 12.29 hrs, Volume= 0.625 af
 Outflow = 6.50 cfs @ 12.32 hrs, Volume= 0.545 af, Atten= 0%, Lag= 1.9 min
 Discarded = 0.07 cfs @ 12.30 hrs, Volume= 0.046 af
 Primary = 6.43 cfs @ 12.32 hrs, Volume= 0.499 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 303.73' @ 12.30 hrs Surf.Area= 2,943 sf Storage= 4,085 cf

Plug-Flow detention time= 56.0 min calculated for 0.545 af (87% of inflow)
 Center-of-Mass det. time= 17.9 min (852.5 - 834.6)

Volume	Invert	Avail.Storage	Storage Description
#1	302.00'	4,893 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
302.00	1,770	0	0
304.00	3,123	4,893	4,893

Device	Routing	Invert	Outlet Devices
#1	Primary	303.50'	20.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Discarded	302.00'	1.020 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.07 cfs @ 12.30 hrs HW=303.73' (Free Discharge)
 ↑ **2=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=6.00 cfs @ 12.32 hrs HW=303.73' (Free Discharge)
 ↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 6.00 cfs @ 1.30 fps)

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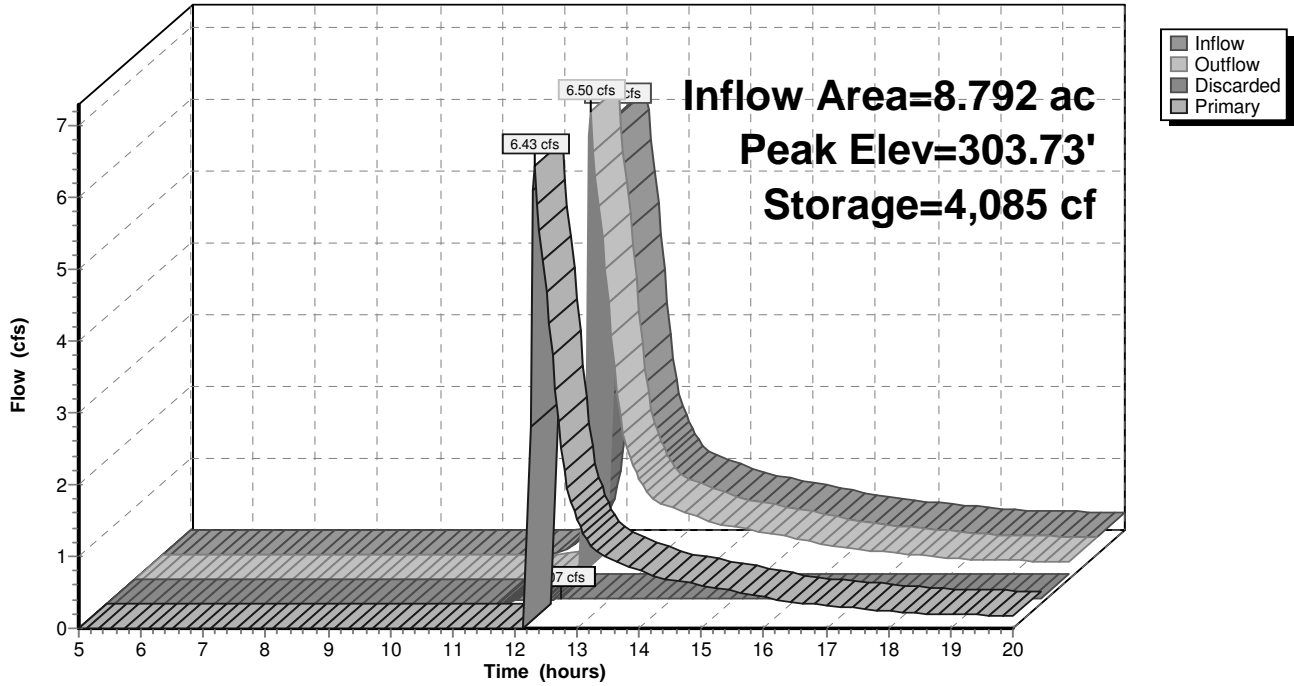
Type III 24-hr 2YR Rainfall=3.40"

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Pond 1P: BASIN-1

Hydrograph



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Type III 24-hr 2YR Rainfall=3.40"

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Summary for Pond 2P: Basin2

Inflow Area = 4.319 ac, 0.00% Impervious, Inflow Depth > 1.12" for 2YR event
 Inflow = 3.82 cfs @ 12.34 hrs, Volume= 0.403 af
 Outflow = 1.11 cfs @ 12.97 hrs, Volume= 0.208 af, Atten= 71%, Lag= 38.2 min
 Discarded = 0.07 cfs @ 12.97 hrs, Volume= 0.045 af
 Primary = 1.04 cfs @ 12.97 hrs, Volume= 0.163 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 311.11' @ 12.97 hrs Surf.Area= 2,844 sf Storage= 8,804 cf

Plug-Flow detention time= 170.4 min calculated for 0.208 af (51% of inflow)
 Center-of-Mass det. time= 84.9 min (910.9 - 825.9)

Volume	Invert	Avail.Storage	Storage Description
#1	306.00'	11,499 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
306.00	600	0	0
312.00	3,233	11,499	11,499

Device	Routing	Invert	Outlet Devices
#1	Primary	311.00'	10.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Discarded	306.00'	1.020 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.07 cfs @ 12.97 hrs HW=311.11' (Free Discharge)
 ↑ **2=Exfiltration** (Exfiltration Controls 0.07 cfs)

Primary OutFlow Max=1.00 cfs @ 12.97 hrs HW=311.11' (Free Discharge)
 ↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 1.00 cfs @ 0.90 fps)

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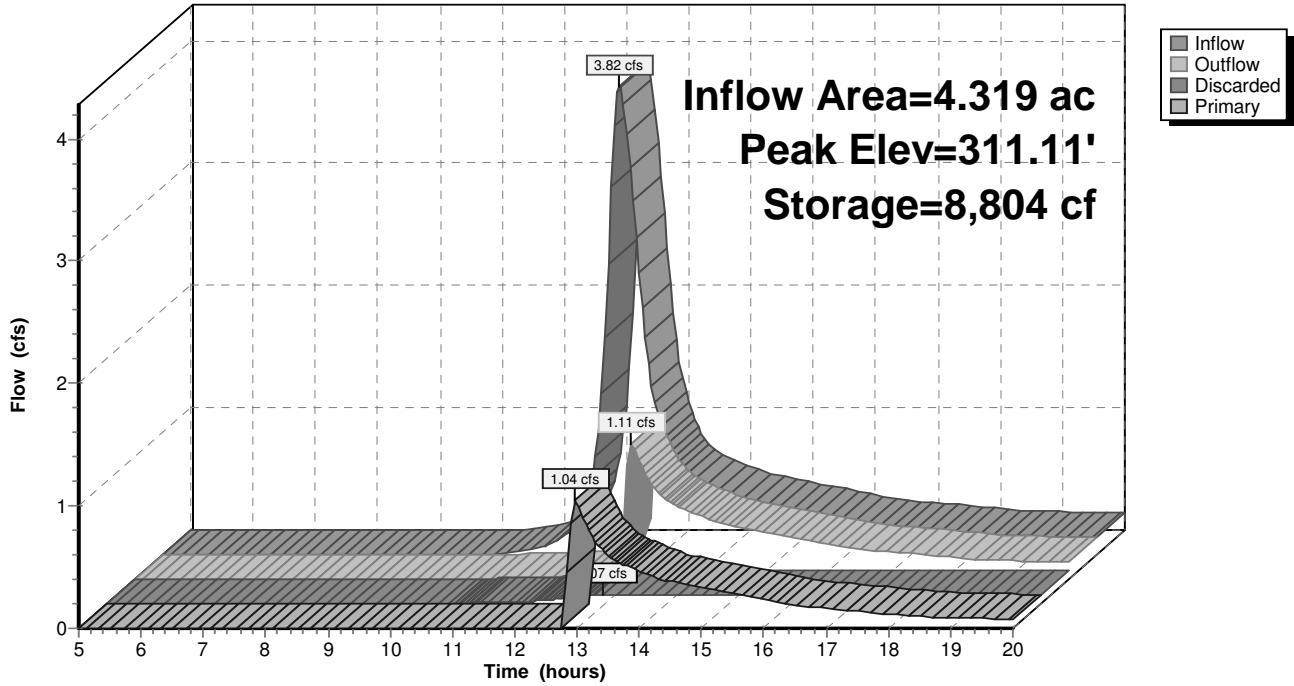
Type III 24-hr 2YR Rainfall=3.40"

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Pond 2P: Basin2

Hydrograph



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Type III 24-hr 2YR Rainfall=3.40"

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Summary for Pond 3P: BASIN 3

Inflow Area = 32.500 ac, 0.00% Impervious, Inflow Depth > 0.85" for 2YR event
 Inflow = 22.39 cfs @ 12.30 hrs, Volume= 2.309 af
 Outflow = 22.30 cfs @ 12.32 hrs, Volume= 2.128 af, Atten= 0%, Lag= 1.5 min
 Discarded = 0.09 cfs @ 12.32 hrs, Volume= 0.053 af
 Primary = 22.21 cfs @ 12.32 hrs, Volume= 2.075 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 375.84' @ 12.32 hrs Surf.Area= 3,718 sf Storage= 10,453 cf

Plug-Flow detention time= 36.6 min calculated for 2.121 af (92% of inflow)
 Center-of-Mass det. time= 11.8 min (846.7 - 834.9)

Volume	Invert	Avail.Storage	Storage Description
#1	371.00'	11,050 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
371.00	600	0	0
376.00	3,820	11,050	11,050

Device	Routing	Invert	Outlet Devices
#1	Primary	375.00'	10.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Discarded	371.00'	1.020 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.09 cfs @ 12.32 hrs HW=375.84' (Free Discharge)
 ↑ **2=Exfiltration** (Exfiltration Controls 0.09 cfs)

Primary OutFlow Max=21.98 cfs @ 12.32 hrs HW=375.84' (Free Discharge)
 ↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 21.98 cfs @ 2.63 fps)

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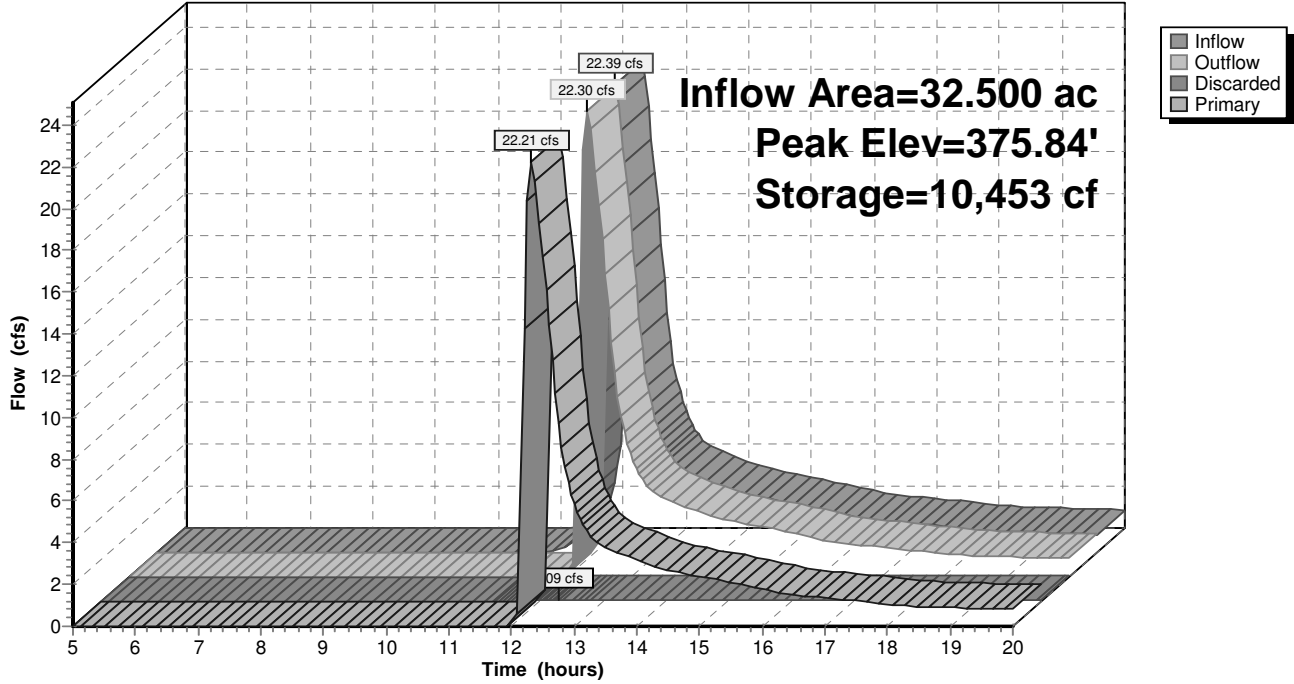
Type III 24-hr 2YR Rainfall=3.40"

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Pond 3P: BASIN 3

Hydrograph



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Type III 24-hr 2YR Rainfall=3.40"

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Summary for Pond 4P: BASIN 4

Inflow Area = 77.110 ac, 0.00% Impervious, Inflow Depth > 0.81" for 2YR event
 Inflow = 48.62 cfs @ 12.36 hrs, Volume= 5.233 af
 Outflow = 47.81 cfs @ 12.41 hrs, Volume= 5.231 af, Atten= 2%, Lag= 2.8 min
 Discarded = 0.09 cfs @ 12.41 hrs, Volume= 0.012 af
 Primary = 47.71 cfs @ 12.41 hrs, Volume= 5.219 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 352.91' @ 12.41 hrs Surf.Area= 4,018 sf Storage= 4,069 cf

Plug-Flow detention time= 1.0 min calculated for 5.231 af (100% of inflow)
 Center-of-Mass det. time= 0.8 min (842.4 - 841.6)

Volume	Invert	Avail.Storage	Storage Description
#1	350.00'	28,497 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
350.00	151	0	0
352.00	1,443	1,594	1,594
354.00	7,126	8,569	10,163
356.00	11,208	18,334	28,497

Device	Routing	Invert	Outlet Devices
#1	Primary	350.00'	36.0" W x 36.0" H Vert. Orifice/Grate C= 0.600
#2	Discarded	350.00'	1.020 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.09 cfs @ 12.41 hrs HW=352.90' (Free Discharge)

↑**2=Exfiltration** (Exfiltration Controls 0.09 cfs)

Primary OutFlow Max=47.56 cfs @ 12.41 hrs HW=352.90' (Free Discharge)

↑**1=Orifice/Grate** (Orifice Controls 47.56 cfs @ 5.47 fps)

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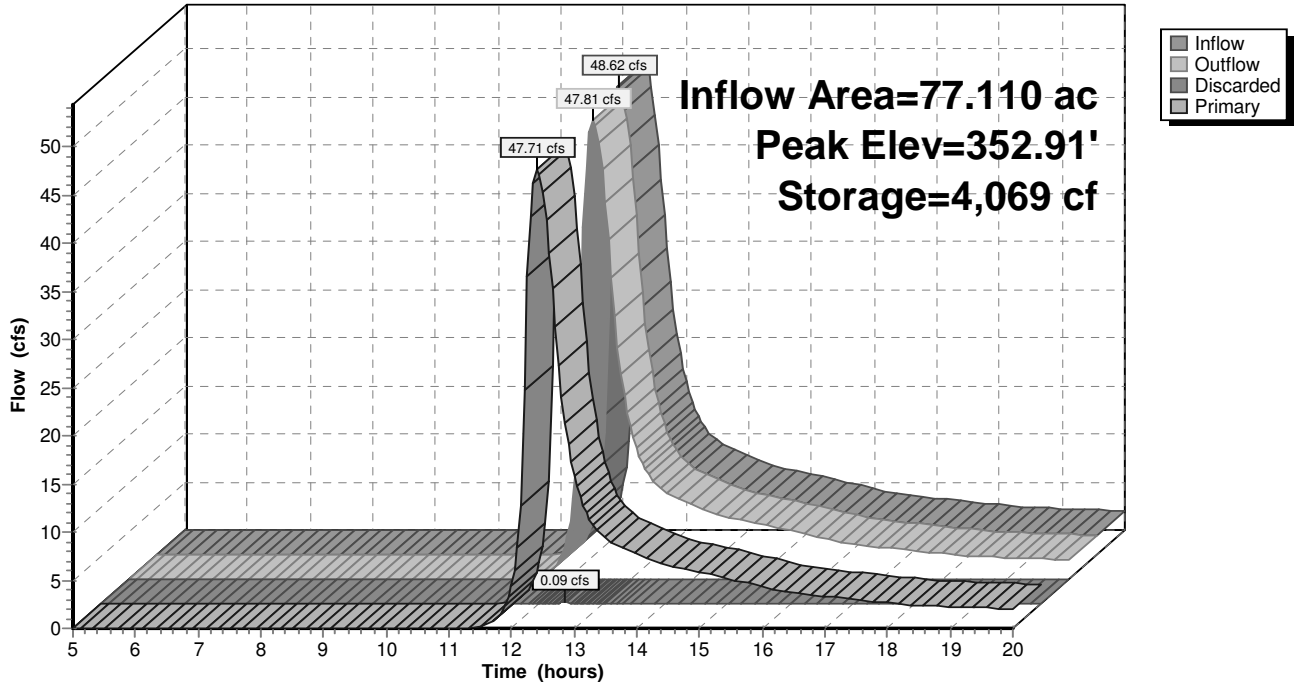
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Pond 4P: BASIN 4

Hydrograph



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Summary for Pond 5P: BASIN5

Inflow Area = 9.675 ac, 0.00% Impervious, Inflow Depth > 0.85" for 2YR event
 Inflow = 6.25 cfs @ 12.35 hrs, Volume= 0.686 af
 Outflow = 0.56 cfs @ 15.95 hrs, Volume= 0.195 af, Atten= 91%, Lag= 216.2 min
 Discarded = 0.18 cfs @ 15.95 hrs, Volume= 0.119 af
 Primary = 0.38 cfs @ 15.95 hrs, Volume= 0.076 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 281.54' @ 15.95 hrs Surf.Area= 7,749 sf Storage= 21,594 cf

Plug-Flow detention time= 255.8 min calculated for 0.195 af (28% of inflow)
 Center-of-Mass det. time= 153.2 min (990.7 - 837.5)

Volume	Invert	Avail.Storage	Storage Description
#1	278.00'	25,242 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
278.00	4,445	0	0
282.00	8,176	25,242	25,242

Device	Routing	Invert	Outlet Devices
#1	Primary	281.50'	15.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Discarded	278.00'	1.020 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.18 cfs @ 15.95 hrs HW=281.54' (Free Discharge)
 ↑ **2=Exfiltration** (Exfiltration Controls 0.18 cfs)

Primary OutFlow Max=0.35 cfs @ 15.95 hrs HW=281.54' (Free Discharge)
 ↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 0.35 cfs @ 0.55 fps)

Grafton Upton Rail Road Sizing Temp Basins

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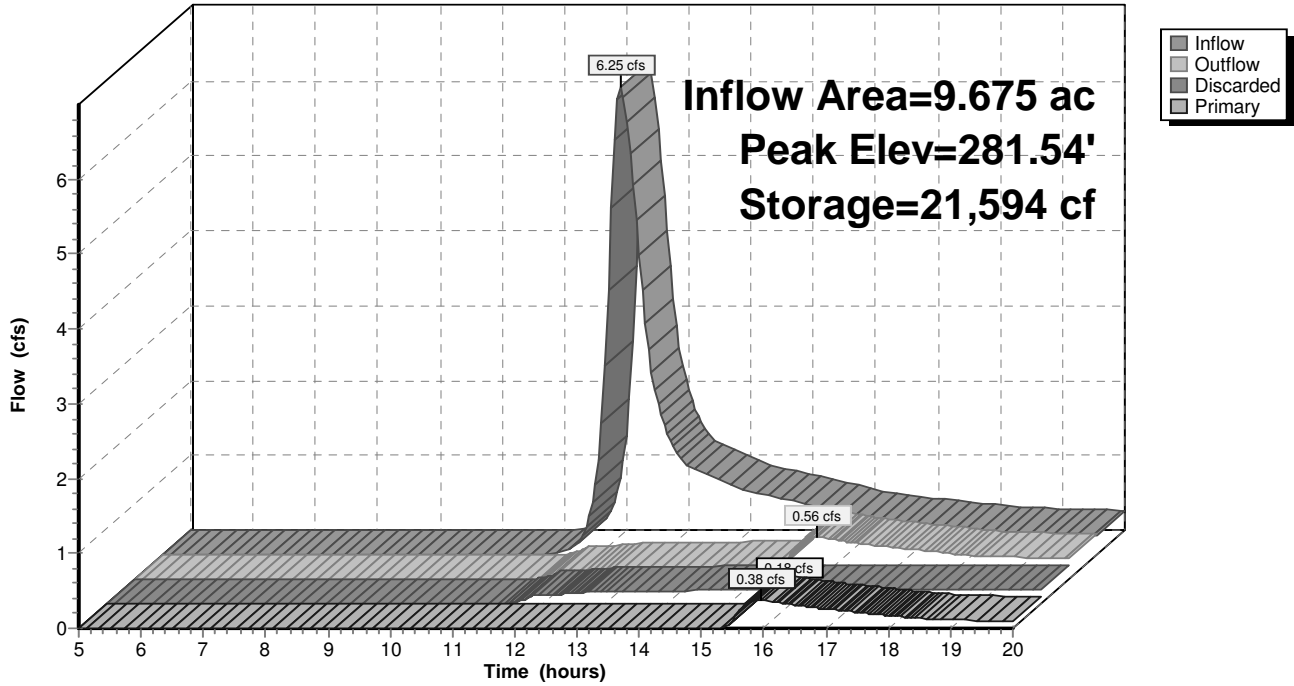
Type III 24-hr 2YR Rainfall=3.40"

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Pond 5P: BASIN5

Hydrograph



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Summary for Pond 6P: BASIN6

Inflow Area = 9.904 ac, 0.00% Impervious, Inflow Depth > 0.85" for 2YR event
 Inflow = 7.90 cfs @ 12.20 hrs, Volume= 0.706 af
 Outflow = 3.66 cfs @ 12.57 hrs, Volume= 0.454 af, Atten= 54%, Lag= 22.1 min
 Discarded = 0.10 cfs @ 12.57 hrs, Volume= 0.067 af
 Primary = 3.56 cfs @ 12.57 hrs, Volume= 0.387 af

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 301.70' @ 12.57 hrs Surf.Area= 4,265 sf Storage= 11,707 cf

Plug-Flow detention time= 136.4 min calculated for 0.452 af (64% of inflow)
 Center-of-Mass det. time= 58.1 min (888.5 - 830.4)

Volume	Invert	Avail.Storage	Storage Description
#1	298.00'	13,022 cf	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
298.00	2,066	0	0
302.00	4,445	13,022	13,022

Device	Routing	Invert	Outlet Devices
#1	Primary	301.50'	15.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Discarded	298.00'	1.020 in/hr Exfiltration over Surface area

Discarded OutFlow Max=0.10 cfs @ 12.57 hrs HW=301.69' (Free Discharge)
 ↑ **2=Exfiltration** (Exfiltration Controls 0.10 cfs)

Primary OutFlow Max=3.41 cfs @ 12.57 hrs HW=301.69' (Free Discharge)
 ↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 3.41 cfs @ 1.18 fps)

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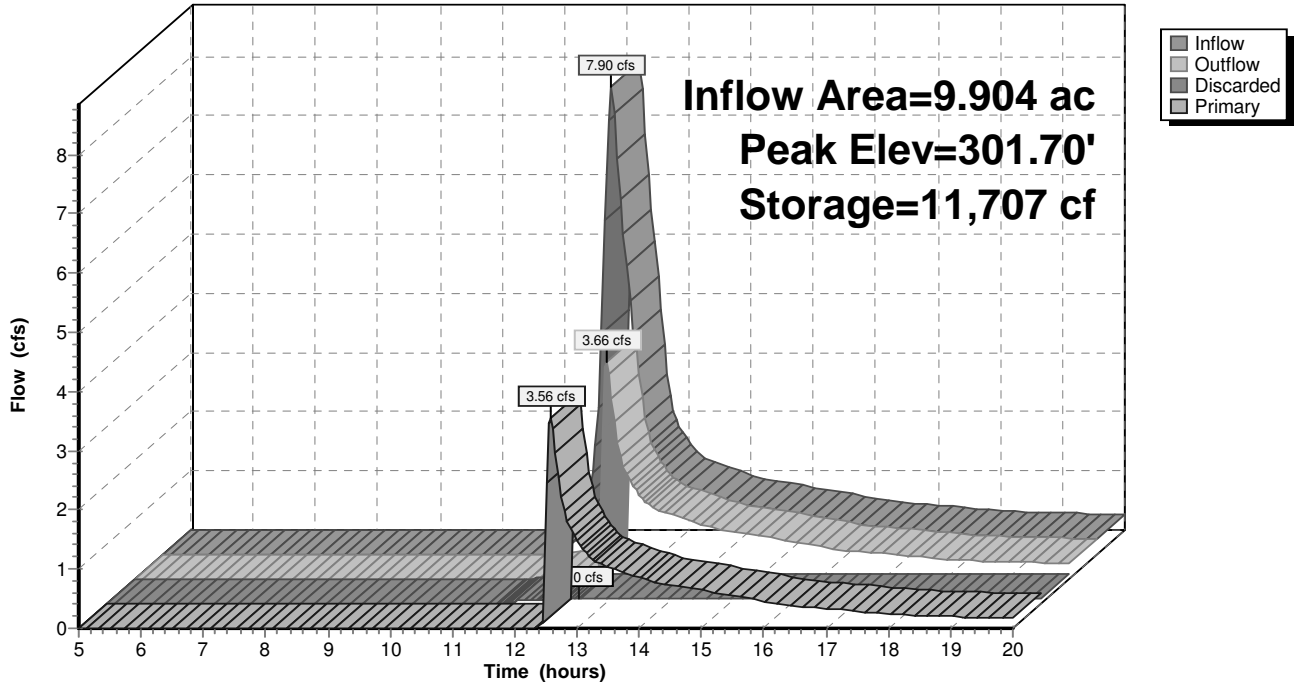
Type III 24-hr 2YR Rainfall=3.40"

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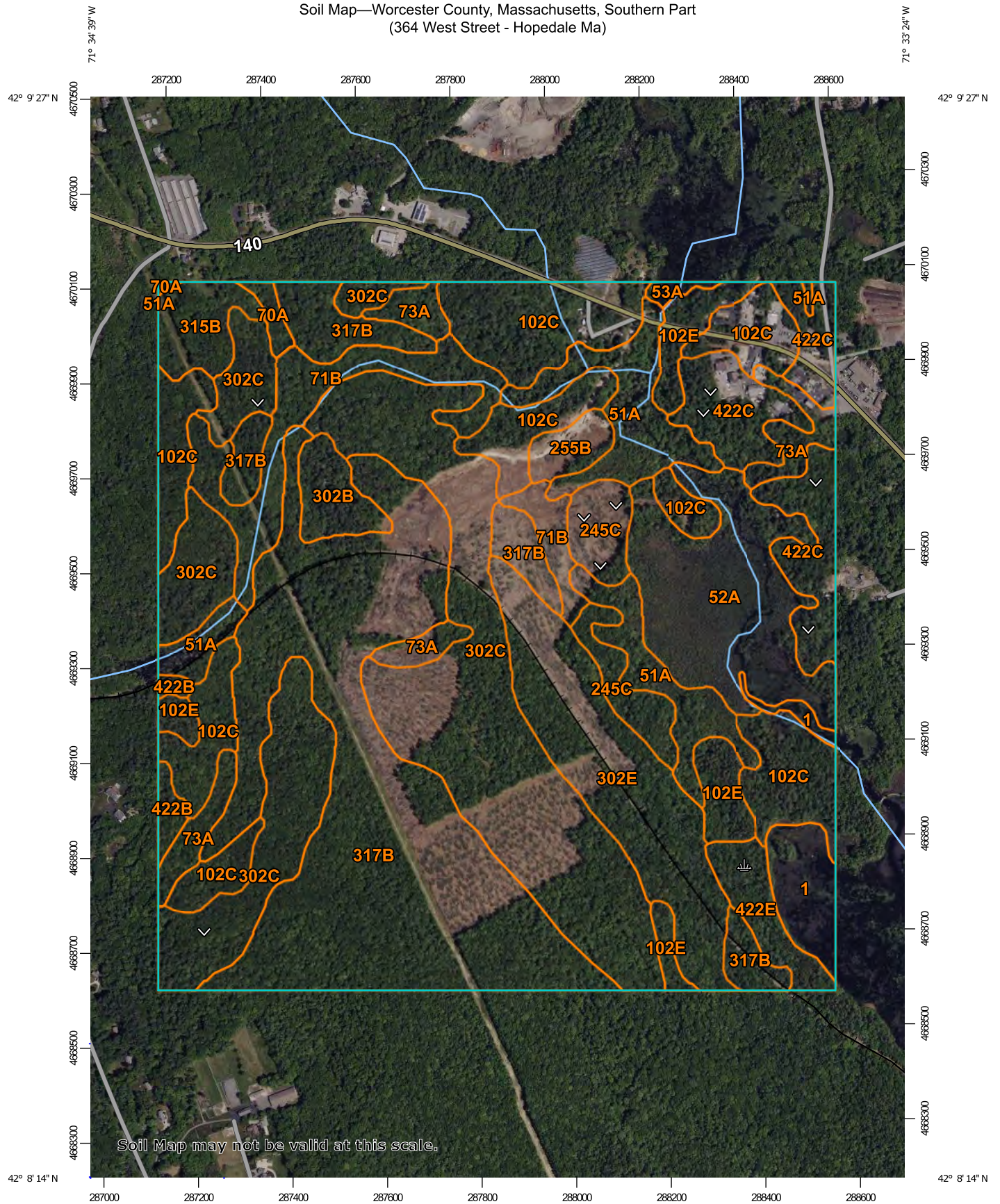
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Pond 6P: BASIN6

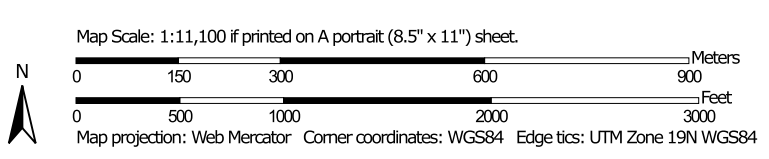
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
































Soil Map—Worcester County, Massachusetts, Southern Part
(364 West Street - Hopedale Ma)



Soil Map may not be valid at this scale.



MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Worcester County, Massachusetts, Southern Part
Survey Area Data: Version 15, Sep 9, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 22, 2022—Jun 5, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1	Water	9.8	1.9%
51A	Swansea muck, 0 to 1 percent slopes	29.8	5.6%
52A	Freetown muck, 0 to 1 percent slopes	36.0	6.8%
53A	Freetown muck, ponded, 0 to 1 percent slopes	1.0	0.2%
70A	Ridgebury fine sandy loam, 0 to 3 percent slopes	1.9	0.4%
71B	Ridgebury fine sandy loam, 3 to 8 percent slopes, extremely stony	24.1	4.5%
73A	Whitman fine sandy loam, 0 to 3 percent slopes, extremely stony	14.3	2.7%
102C	Chatfield-Hollis-Rock outcrop complex, 0 to 15 percent slopes	64.1	12.1%
102E	Chatfield-Hollis-Rock outcrop complex, 15 to 35 percent slopes	14.0	2.6%
245C	Hinckley loamy sand, 8 to 15 percent slopes	12.3	2.3%
255B	Windsor loamy sand, 3 to 8 percent slopes	4.4	0.8%
302B	Montauk fine sandy loam, 0 to 8 percent slopes, extremely stony	6.7	1.3%
302C	Montauk fine sandy loam, 8 to 15 percent slopes, extremely stony	107.5	20.3%
302E	Montauk fine sandy loam, 15 to 35 percent slopes, extremely stony	36.2	6.8%
315B	Scituate fine sandy loam, 3 to 8 percent slopes	8.0	1.5%
317B	Scituate fine sandy loam, 3 to 8 percent slopes, extremely stony	122.9	23.2%
422B	Canton fine sandy loam, 0 to 8 percent slopes, extremely stony	2.7	0.5%
422C	Canton fine sandy loam, 8 to 15 percent slopes, extremely stony	27.1	5.1%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
422E	Canton fine sandy loam, 15 to 35 percent slopes, extremely stony	7.6	1.4%
Totals for Area of Interest		530.4	100.0%

Worcester County, Massachusetts, Southern Part

302E—Montauk fine sandy loam, 15 to 35 percent slopes, extremely stony

Map Unit Setting

National map unit symbol: 2w80r

Elevation: 0 to 1,080 feet

Mean annual precipitation: 36 to 71 inches

Mean annual air temperature: 39 to 55 degrees F

Frost-free period: 145 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Montauk, extremely stony, and similar soils: 85 percent

Minor components: 15 percent

*Estimates are based on observations, descriptions, and transects of
the mapunit.*

Description of Montauk, Extremely Stony

Setting

Landform: Recessional moraines, ground moraines, hills, drumlins

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Convex

Parent material: Coarse-loamy over sandy lodgment till derived
from gneiss, granite, and/or schist

Typical profile

Oe - 0 to 2 inches: moderately decomposed plant material

A - 2 to 6 inches: fine sandy loam

Bw1 - 6 to 28 inches: fine sandy loam

Bw2 - 28 to 36 inches: sandy loam

2Cd - 36 to 74 inches: gravelly loamy sand

Properties and qualities

Slope: 15 to 35 percent

Surface area covered with cobbles, stones or boulders: 9.0 percent

Depth to restrictive feature: 20 to 43 inches to densic material

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately high (0.00 to 1.42 in/hr)

Depth to water table: About 18 to 37 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.9 mmhos/cm)

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: C

Ecological site: F144AY007CT - Well Drained Dense Till Uplands

Hydric soil rating: No

Minor Components

Scituate, extremely stony

Percent of map unit: 6 percent

Landform: Ground moraines, hills, drumlins

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Convex

Hydric soil rating: No

Canton, extremely stony

Percent of map unit: 5 percent

Landform: Hills

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Convex

Hydric soil rating: No

Charlton, extremely stony

Percent of map unit: 4 percent

Landform: Hills

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Convex

Across-slope shape: Convex

Hydric soil rating: No

Data Source Information

Soil Survey Area: Worcester County, Massachusetts, Southern Part

Survey Area Data: Version 15, Sep 9, 2022

Worcester County, Massachusetts, Southern Part

317B—Scituate fine sandy loam, 3 to 8 percent slopes, extremely stony

Map Unit Setting

National map unit symbol: 9bcb

Elevation: 180 to 1,000 feet

Mean annual precipitation: 32 to 50 inches

Mean annual air temperature: 45 to 50 degrees F

Frost-free period: 145 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Scituate and similar soils: 75 percent

Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Scituate

Setting

Landform: Hills

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Base slope

Down-slope shape: Linear

Across-slope shape: Concave

Parent material: Friable coarse-loamy eolian deposits over dense sandy lodgment till derived from granite and gneiss

Typical profile

H1 - 0 to 4 inches: sandy loam

H2 - 4 to 16 inches: gravelly sandy loam

H3 - 16 to 30 inches: loamy sand

H4 - 30 to 65 inches: gravelly loamy sand

Properties and qualities

Slope: 3 to 8 percent

Surface area covered with cobbles, stones or boulders: 9.0 percent

Depth to restrictive feature: 20 to 30 inches to densic material

Drainage class: Moderately well drained

Runoff class: High

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 17 to 36 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Very low (about 2.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: C
Ecological site: F144AY037MA - Moist Dense Till Uplands
Hydric soil rating: No

Minor Components

Montauk

Percent of map unit: 17 percent
Hydric soil rating: No

Woodbridge

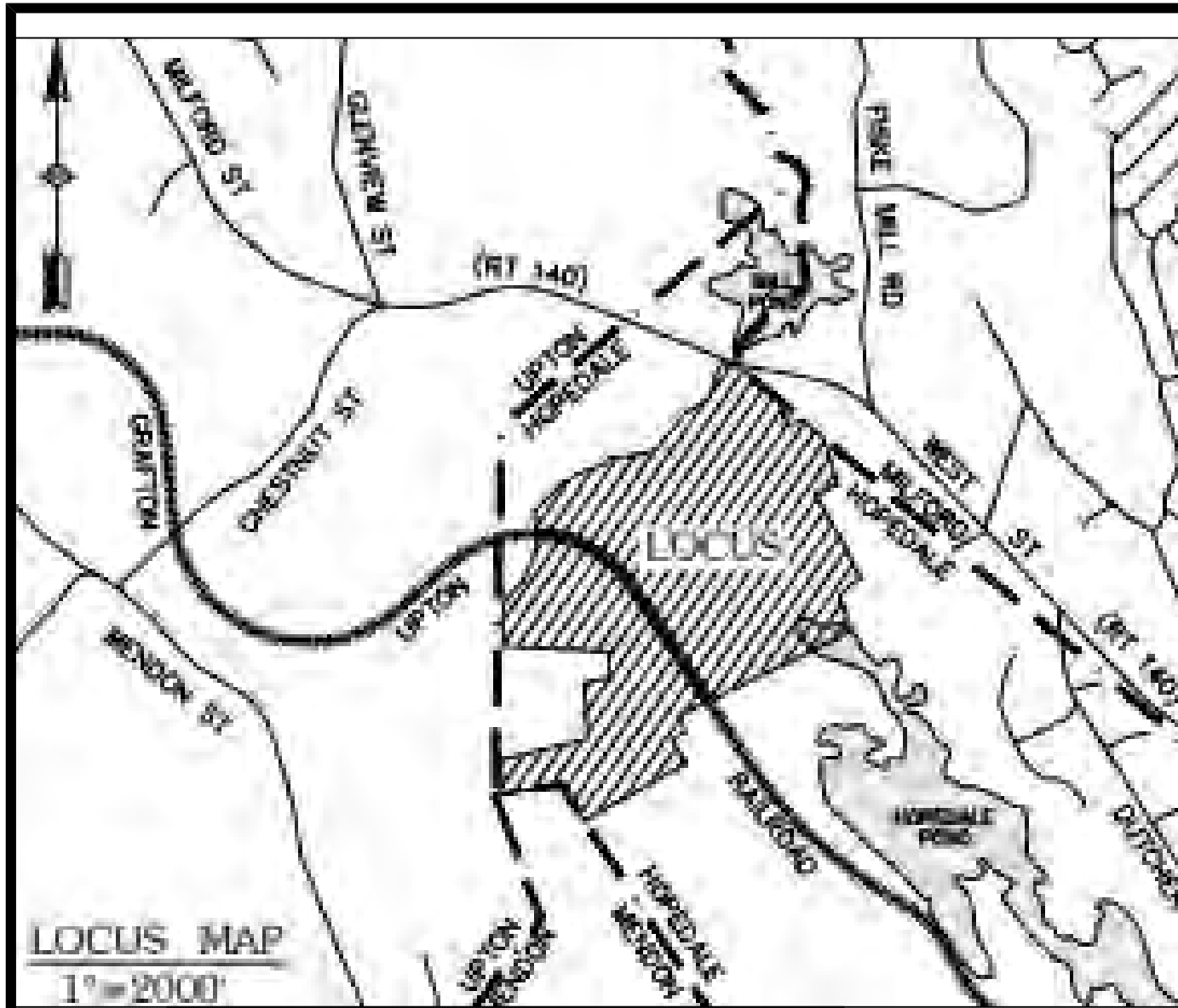
Percent of map unit: 5 percent
Hydric soil rating: No

Ridgebury

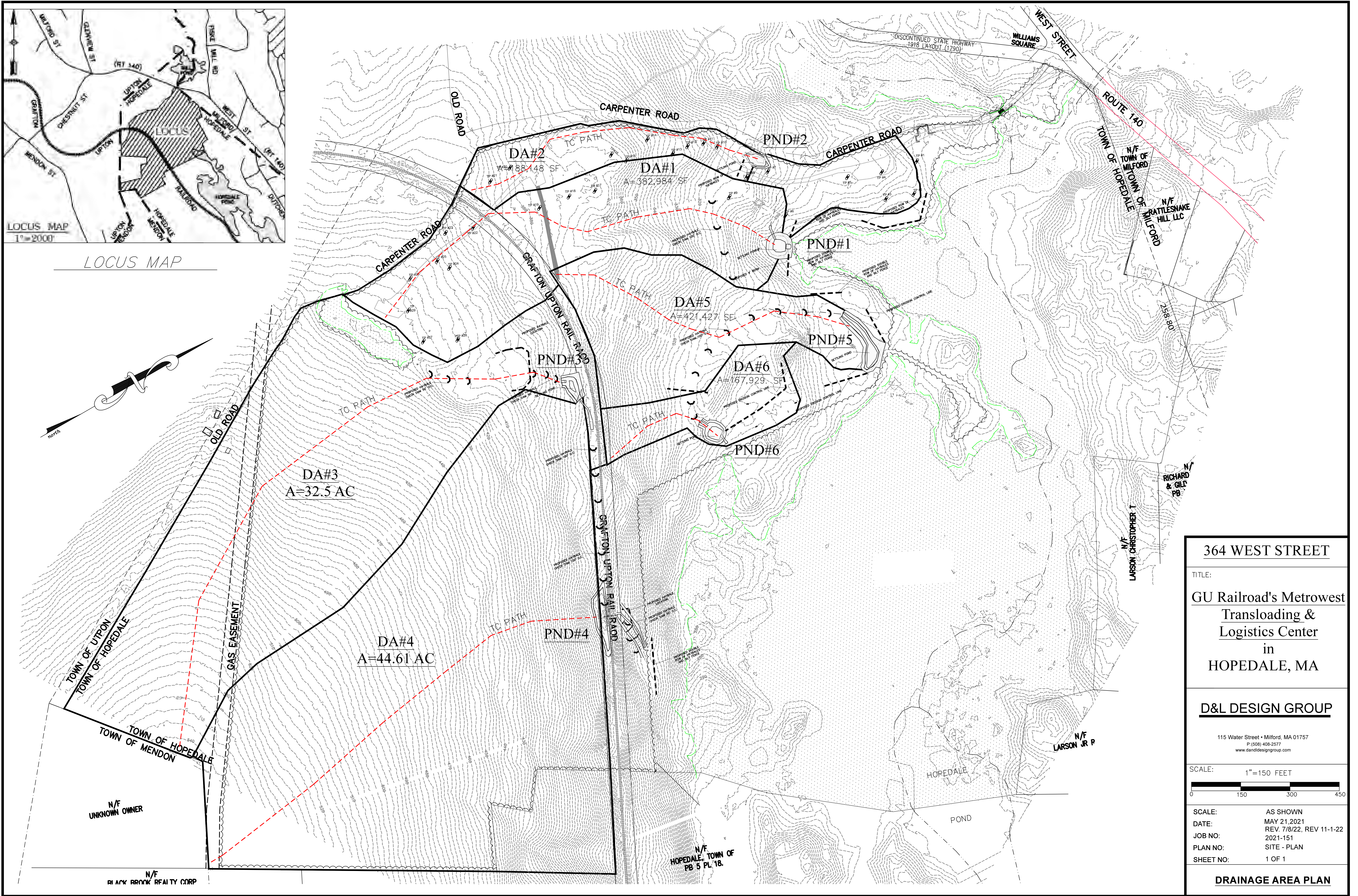
Percent of map unit: 3 percent
Landform: Depressions
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Worcester County, Massachusetts, Southern Part
Survey Area Data: Version 15, Sep 9, 2022



LOCUS MAP



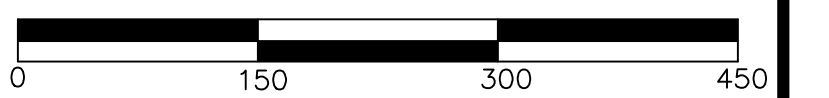
364 WEST STREET

TITLE:
 GU Railroad's Metrowest
 Transloading &
 Logistics Center
 in
 HOPEDALE, MA

D&L DESIGN GROUP

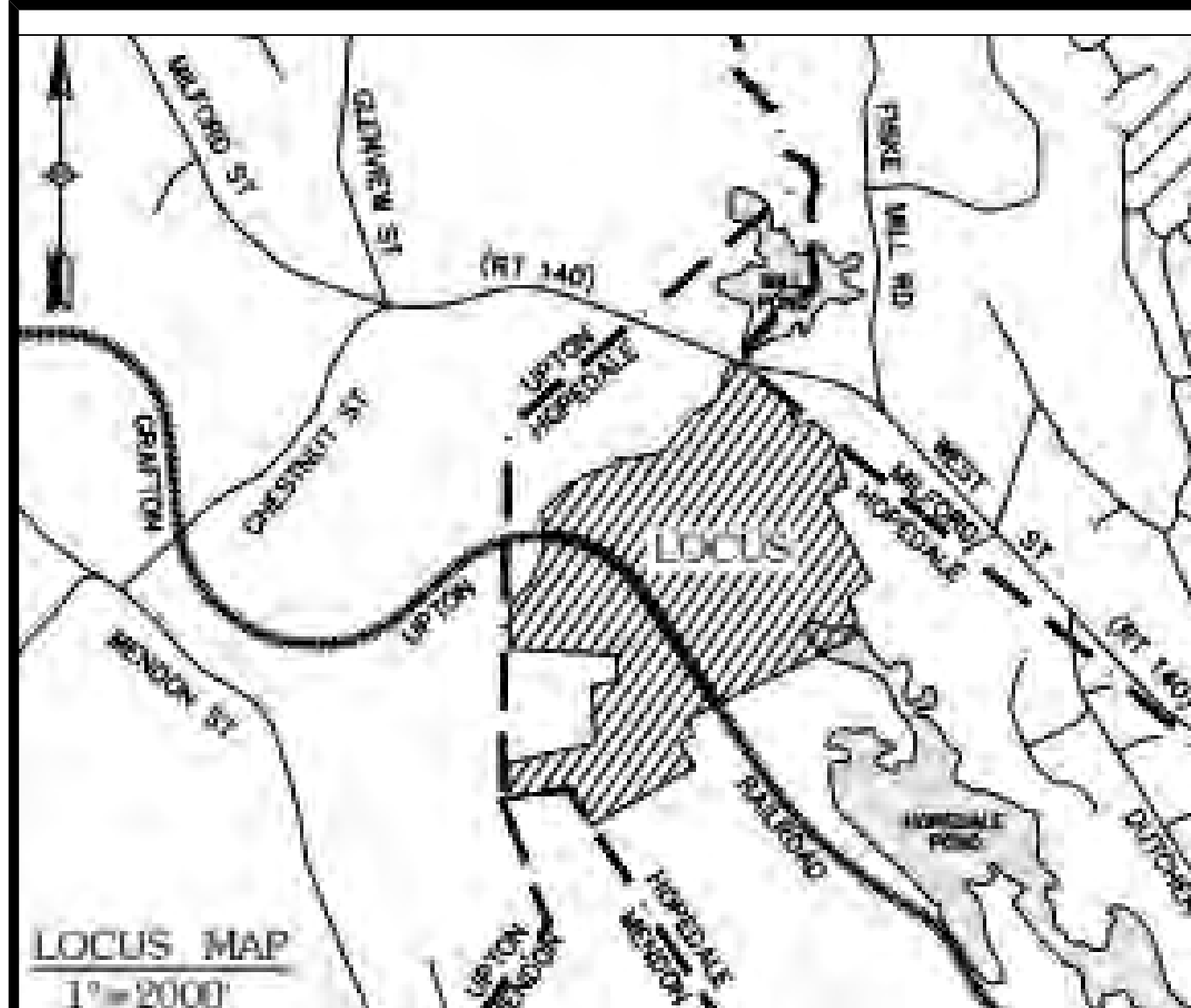
115 Water Street • Milford, MA 01757
 P: (508) 408-2577
 www.dandlgroup.com

SCALE: 1" = 150 FEET

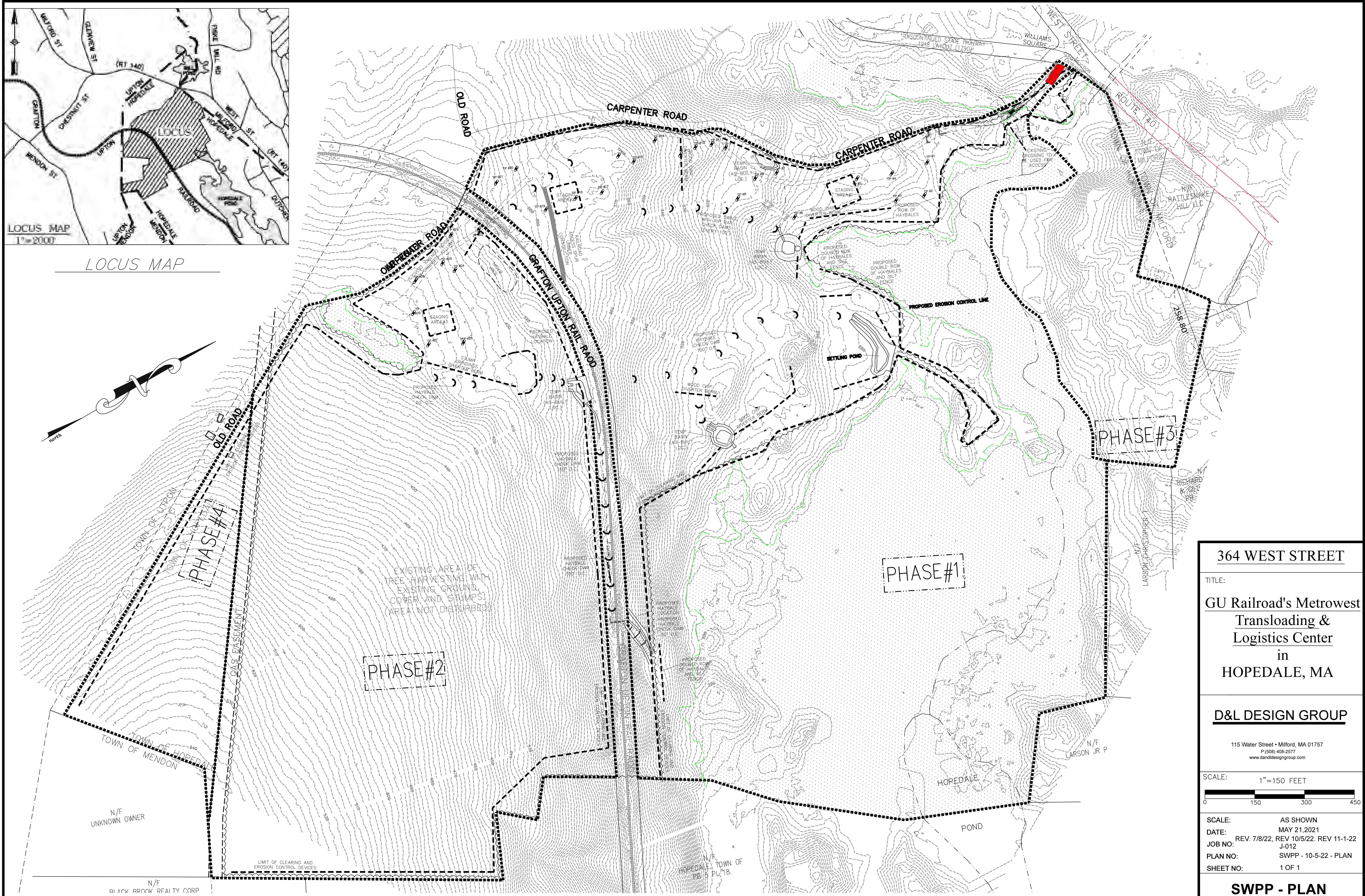
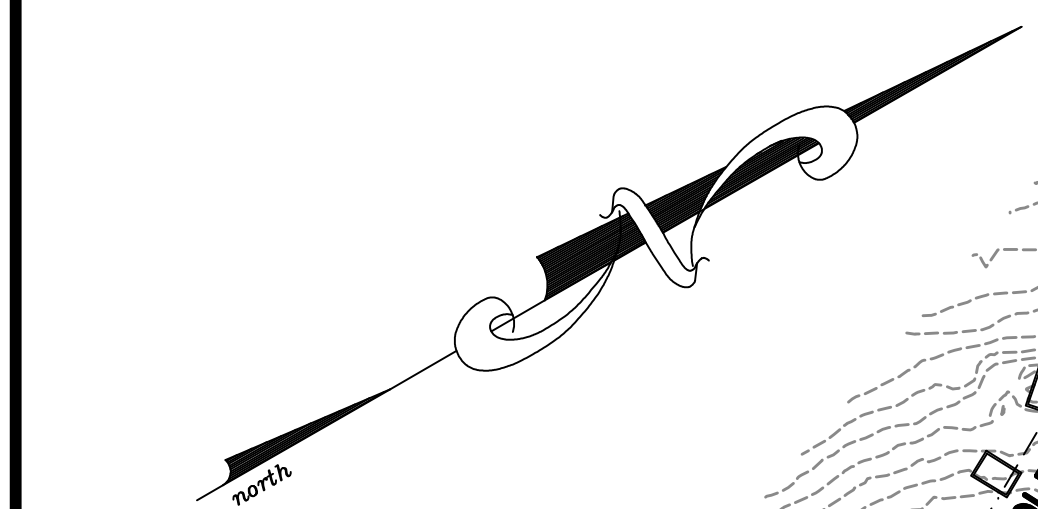


SCALE: AS SHOWN
 DATE: MAY 21, 2021
 REV. 7/8/22, REV 11-1-22
 JOB NO: 2021-151
 PLAN NO: SITE - PLAN
 SHEET NO: 1 OF 1

DRAINAGE AREA PLAN



LOCUS MAP



364 WEST STREET

TITLE:
**GU Railroad's Metrowest
 Transloading &
 Logistics Center
 in
 HOPE DALE, MA**

D&L DESIGN GROUP

115 Water Street • Milford, MA 01757
 P (508) 408-2677
 www.dandldesigngroup.com

SCALE: 1"=150 FEET

SCALE: AS SHOWN
 DATE: MAY 21, 2021
 JOB NO: REV. 7/8/22, REV 10/5/22, REV 11-1-22
 PLAN NO: J-012
 SWPP - 10-5-22 - PLAN
 SHEET NO: 1 OF 1

SWPP - PLAN

Exhibit “B”

Inspection Reports

General Information

Inspector Name, Title & Contact Information	JOHN DEWAGLE LOGGAIN/4
Present Phase of Construction	LOGGAIN/4
Inspection Location	364 WEST ST HOPEDALE MA 01747
Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply.) Standard Frequency: <input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Every 14 days and within 24 hours of a 0.25" rain	
Increased Frequency: <input type="checkbox"/> 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: <ul style="list-style-type: none"> - <input checked="" type="checkbox"/> Once per month (for stabilized areas) - <input type="checkbox"/> 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) - <input type="checkbox"/> Once per month (for frozen conditions where earth-disturbing activities are being conducted) 	
Was this inspection triggered by a 0.25" storm event? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, how did you determine whether a 0.25" storm event has occurred? <input type="checkbox"/> Rain gauge on site <input checked="" type="checkbox"/> Weather station representative of site. Specify weather station source:	
Total rainfall amount that triggered the inspection: .37	
Unsafe Conditions for Inspection Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "yes", complete the following: <ul style="list-style-type: none"> - Describe the conditions that prevented you from conducting the inspection in this location: - Location where conditions were found: 	

Inspection Report for: Gratton & Upton Railroad, Hopedale, MA CGP

Tracking No.: **MAR10038L**

Inspection Date: **5/3/82**

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.1)

Type/Location of E&S Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>N/A</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/inddes/stormwater/swppp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381

Inspection Date: 5/31/22

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)				
Type/Location of P2 Practices (Insert additional rows if applicable)	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>N/A</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/swpdp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381
Inspection Date:

Stabilization of Exposed Soil (CGP Part 2.2)			
Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

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 [Insert additional discharge locations if applicable]	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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:

Date:

Printed Name and Affiliation:

Certification and Signature by Permittee

"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:

General Information

Inspector Name, Title & Contact Information	T. BELMARE
Present Phase of Construction	1 - LAND CLEARING - TREES ONLY
Inspection Location	304 WEST ST.

Inspection Frequency (Notes: 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: RECORDER THER
Total rainfall amount that triggered the inspection: WINDYR ENOUGH .52"

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 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 add'l rows if applicable)	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. Phase 1 UDS Pond	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		NO PROBLEMS NOTED TO REMAIN 4/9, 6/18, 6/10
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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 became aware that the stormwater control 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/ndes/stormwater/swpdp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date:

Type/Location of P2 Practices (insert additional rows if applicable)		Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)		Notes
	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	
1. <i>Phase 1 Loss Cont</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date:

Stabilization of Exposed Soil (CGP Part 2.2)			
Stabilization Area <small>(Insert additional rows if applicable)</small>	Stabilization Method	Have You Initiated Stabilization?	Notes
1. GRASS SEED ALON 2000 FT ²	GRASS SEED silt fence	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	needed piles of loam silt fence installed behind top soil piles w/ seed
2.		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

Description of Discharges (CGP Part 4.1.6.6)	
Discharge Location <small>(Insert additional discharge locations if applicable)</small>	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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:
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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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:

[Handwritten Signature]
Printed Name and Affiliation: John Debbate CSU

Date: 6/11/22

Certification and Signature by Permittee

"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: _____

Inspection Report for Grafton & Upton Railroad, Hopedale, MACGP
 Tracking No.: **MAR100381**
 Inspection Date: **6/30/22**

General Information

Inspector Name, Title & Contact Information	J. DEMARIE
Present Phase of Construction	PHASE 1 LAGGING
Inspection Location	364 WEST ST

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: **WINDERMAREDAUND.COM**

Total rainfall amount that triggered the inspection: **1.23"**

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 where conditions were found:

None

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.1)				
Type/location of E&S Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/hpdes/stormwater/swpdp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381

Inspection Date: 6/20/22 *None*

Type/Location of P2 Practices [Insert additional rows if applicable]		Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)		Notes	
	Reports or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?		
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No			
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/swpdp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L
Inspection Date: 4/30/22

Stabilization of Exposed Soil (CGP Part 2.2)

Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. TORRILL - WEST OF RAIL	COM/FLECTION/ROOT PERM/SEED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

Description of Discharges (CGP Part 4.1.6.4)

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 [Insert additional discharge locations if applicable]	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR10038L Inspection Date:

"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 DeLuca
GRU

Date: *6/30/22*

Certification and Signature by Permittee

"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:

Inspection Report for Grafton & Upton Railroad, Hopedale, MACGP

Tracking No.: **MAR10038L**

Inspection Date: **6/28/22**

General Information

Inspector Name, Title & Contact Information	John DeWane
Present Phase of Construction	PHASE 1
Inspection Location	364 WEST ST HOPEDALE.

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: **WINDSTATION**

Total rainfall amount that triggered the inspection: **.62"**

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 where conditions were found:

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR10038L
Inspection Date: 6/28/22

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.1)				
Type/Location of E&S Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/ndes/stormwater/swppp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date: 10/28/22

Type/Location of P2 Practices [insert additional rows if applicable]		Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	Phase 1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		No corrective action needed
2.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381
Inspection Date: 6/28/22

Stabilization of Exposed Soil (CGP Part 2.2)		Notes
Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO

Description of Discharges (CGP Part 4.1.6.6)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Discharge Location [Insert additional discharge locations if applicable]	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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.

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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:



Date:

Printed Name and Affiliation:

Certification and Signature by Permittee

"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: 6/20/22

Printed Name and Affiliation:

Grafton and Upton Railroad

Inspection Report for Grafton & Upton Railroad, Hopedale, MACGP

Tracking No.: **MAR10038L**

Inspection Date: **7/5/22**

General Information

Inspector Name, Title & Contact Information	JOHN DEVAERE, GM
Present Phase of Construction	TREE CLEARING
Inspection Location	364 WEST

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: **WUMBERT-RONNO.COM**

Total rainfall amount that triggered the inspection: **.69**

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 where conditions were found:

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
 Tracking No.: MAR10038L
 Inspection Date: 7/5/aa

Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.1)				
Type/Location of E&S Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. Silt Fence Awards St Basin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7/5/aa	Repairs needed to silt fence from falling tree limbs / May still intact "
2. Silt Fence Along behind Loan Pit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7/5/aa	
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date: 7/5/22

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)				
Type/Location of P2 Practices [Insert additional rows if applicable]	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/hdpdes/stormwater/swppp. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CGP Part 2.2)		Notes
Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO

Description of Discharges (CGP Part 4.1.6.6)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", provide the following information for each point of discharge:	
Discharge Location [Insert additional discharge locations if applicable]	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date: 7/5/22

"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:

Date:

Printed Name and Affiliation:

Certification and Signature by Permittee

"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: 7/5/22

Printed Name and Affiliation:

John DeLuca - GORR

General Information

Inspector Name, Title & Contact Information	John DeWaele
Present Phase of Construction	Tree Clearing
Inspection Location	34 West St Hopedale MA

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: .34

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 where conditions were found:

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR100381
Inspection Date: 7/7/02

Condition and Effectiveness of Erosion and Sediment (E.S) Controls (CGP Part 2.1)				
Type/Location of E.S Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/swqpd. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date: 7/7/22

Type/Location of P2 Practices (insert additional rows if applicable)		Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)		Notes
	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/hpdes/stormwater/swppd. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date: 7/7/22

Stabilization of Exposed Soil (CGP Part 2.2)		Notes
Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO

Description of Discharges (CGP Part 4.1 & 6)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", provide the following information for each point of discharge:	
Discharge Location [Insert additional discharge locations if applicable]	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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: _____

Date: _____

Printed Name and Affiliation: _____

Certification and Signature by Permittee

"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: 7/7/22

Printed Name and Affiliation: John DeMaeste, GORR

Inspection Report for Grafton & Upton Railroad, Hopedale, MA CGP

Tracking No.: **MA R100381**

Inspection Date: **8/9/22**

General Information

Inspector Name, Title & Contact Information	JOHN DELAELLE
Present Phase of Construction	TREE REMOVAL
Inspection Location	364 WEST ST HOPEDALE, MA 01747

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: **WUNDERGROUND.COM**

Total rainfall amount that triggered the inspection: **.40**

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 where conditions were found:

Condition and Effectiveness of Erosion and Sediment (EAS) Controls (CGP Part 2.1)				
Type/Location of EAS Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>Slur Fence, MACHINE DAMAGE</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>8/9/22</i>	<i>Repaired fence upon inspection ✓</i>
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/inddes/stormwater/swppp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10039L
Inspection Date: 8/9/22

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)				
Type/Location of P2 Practices [Insert additional rows if applicable]	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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 became 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/hpdes/stormwater/swppp. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CGP Part 2.2)			
Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Irrigated Stabilization?	Notes
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

Description of Discharges (CGP Part 4.1.6.6)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", provide the following information for each point of discharge:	
Discharge Location [Insert additional discharge locations if applicable]	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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: 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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: _____

Date: _____

Printed Name and Affiliation: _____

Certification and Signature by Permittee

"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: 8/9/22

Printed Name and Affiliation: _____

John DeWalle
JOHN DEWALLE GURR

Inspection Report for Grafton & Upton Railroad, Hopedale, MA C&P

Tracking No.: MAR100391
 Inspection Date: 8-22-22

General Information

Inspector Name, Title & Contact Information	P. Lavoie
Present Phase of Construction	1 - Land Clearing - Trees only
Inspection Location	304 West St.

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
 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)

Increased 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:

Unsafe Conditions for Inspection

Did you determine that any portion of your site was unsafe for inspection per C&P 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 where conditions were found:

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP

Tracking No.: MAR100381

Inspection Date: 8-27-22

Type/Location of EAS Control (add add'l rows if applicable)	Condition and Effectiveness of Position and Sediment (EAS) Control (CGP Part 2.1)	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>Phase 1 Cleared Areas.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<i>No Problems Due to Part</i>
2.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/hpdes/stormwater/swppp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date:

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)				
Type/location of P2 Practices [insert additional rows if applicable]	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. <i>Phase 1 Cleared</i> <i>area</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date:

Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes
1. <i>Gross Seed/Along Road Edge</i>	<i>Gross Seed</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<i>Seed Along Road</i>
2. <i>Fence</i>	<i>Silt Fence</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<i>Silt Fence</i>
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

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 [Insert additional discharge locations if applicable]	Observations
1.	<p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p> <p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p>

Contractor or Subcontractor Certification and Signature

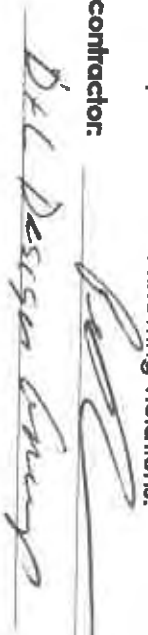
Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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:



Date: 8/27/20

Printed Name and Affiliation:

Certification and Signature by Permittee

"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:

Inspection Report for Grafton & Upton Railroad, Hopedale, MA CGP

Tracking No.: **MAR100381**

Inspection Date: **9/6/2022**

AM

After During Pair event

General Information

Inspector Name, Title & Contact Information

Present Phase of Construction

Inspection Location

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:

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 where conditions were found:

**Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
 Tracking No.: MAR10038L**

Inspection Date:

Condition and Effectiveness of Erosion and Sediment (E&S) Control (CGP Part 2.1)				
Type/location of E&S Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/nhpd/es/stormwater/swppg. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381

Inspection Date:

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)		Notes	
Type/Location of P2 Practices [insert additional rows if applicable]	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	

* Notes: 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 became 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.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L

Inspection Date:

Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Stabilization of Exposed Soil (CGP Part 2.2) Have You Initiated Stabilization?	Notes
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

Description of Discharges (CGP Part 4.1.6.6)	
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If "Yes" provide the following information for each point of discharge:	
Discharge Location [Insert additional discharge locations if applicable]	Observations
1.	<p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p> <p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p>

Contractor or Subcontractor Certification and Signature

Inspection Report for:
Grafton & Upton Railroad, Hopedale MA
CGP Tracking No.: MAR10038L Inspection Date:

"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: _____

Date: _____

Printed Name and Affiliation: _____

Certification and Signature by Permittee

"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":

Michael Dean

Date:

9/6/22

Printed Name and Affiliation:

D&U Design Group

Inspection Report for Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR100381
Inspection Date:

General Information

Inspector Name, Title & Contact Information	
Present Phase of Construction	
Inspection Location	
<p>Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply.)</p> <p>Standard Frequency: <input type="checkbox"/> Weekly <input type="checkbox"/> Every 14 days and within 24 hours of a 0.25" rain</p> <p>Increased Frequency: <input type="checkbox"/> 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)</p> <p>Reduced Frequency:</p> <ul style="list-style-type: none"> - <input type="checkbox"/> Once per month (for stabilized areas) - <input type="checkbox"/> 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) - <input type="checkbox"/> Once per month (for frozen conditions where earth-disturbing activities are being conducted) 	
<p>Was this inspection triggered by a 0.25" storm event? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, how did you determine whether a 0.25" storm event has occurred?</p> <p><input type="checkbox"/> Rain gauge on site <input type="checkbox"/> Weather station representative of site. Specify weather station source:</p> <p>Total rainfall amount that triggered the inspection:</p>	
<p>Unsafe Conditions for inspection</p> <p>Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If "yes", complete the following:</p> <ul style="list-style-type: none"> - Describe the conditions that prevented you from conducting the inspection in this location: - Location where conditions were found: 	

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR10039L

Inspection Date:

Type/Location of EAS Control [add add'l rows if applicable]		Condition and Effectiveness of EAS and Sediment (EAS) Controls (CGP Part 2.1)		Date on Which Maintenance or Corrective Action First Identified?	Notes
	Repairs or Other Maintenance Needed?*	Corrective Action Required?*			
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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.spa.gov/npdes/stormwater/swpdp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381

Inspection Date:

Type/Location of P2 Practices [Insert additional rows if applicable]	Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/swppa. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381

Inspection Date:

Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? Yes No

Description of Discharges (CGP Part 4.1.6.6)

Discharge Location [Insert additional discharge locations if applicable]	Observations
1.	<p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p> <p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p>

Contractor or Subcontractor Certification and Signature

Inspection Report for:
Grafton & Upton Railroad, Hopedale MA
CGP Tracking No.: MAR10038L Inspection Date:

"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: _____ **Date:** _____
Printed Name and Affiliation: _____

Certification and Signature by Permittee

"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 _____ **Date:** _____
"Duly Authorized Representative": _____
Printed Name and Affiliation: _____

General Information

Inspector Name, Title & Contact Information	PETER LAVOIE
Present Phase of Construction	PROCEL POST TREE HARVESTED (STORMWATER TREATMENT)
Inspection Location	364 WEST ST. HOPEDALE MA 01747

Inspection Frequency (Notes: 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:

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 where conditions were found:

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR10038L
Inspection Date: 10/11/22

Condition and Effectiveness of Erosion and Sediment (EAS) Controls (CGP Part 2.1)

Type/Location of EAS Control [add add'l rows if applicable]	Repairs or Other Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. BASIN #1	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		SPILLWAY REFRESHED WITH RIP RAP.
2. BASIN #2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		HAYBALS ADDED, BASIN STABILIZED
3. BASIN #3	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		BASIN STABILIZED, RIP RAP SURFACE ADDED.
4. BASIN #4	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		N/A
5. BASIN #5	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		HAYBALS ADDED AROUND DEBRIS LOCATIONS SILT FENCE ALSO ADDED.
6. BASIN #6	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		BASIN STABILIZED, SPILLWAY REFRESHED
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/ndes/stormwater/swppp. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR100381

Inspection Date:

Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)				
Type/Location of P2 Practices [Insert additional rows if applicable]	Repairs or Other Maintenance Needed?	Corrective Action Required?	Date on Which Maintenance or Corrective Action First Identified?	Notes
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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/hpdes/stormwater/swppa. See Part 5 of the permit for more information.

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA
CGP Tracking No.: MAR10038L
Inspection Date:

Stabilization of Exposed Soil (CGP Part 2.2)		Notes
Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?
1. BASIN #1	Filter Fabric	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. BASIN #6	Filter Fabric	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO

Description of Discharges (CGP Part 4.1.4.6)		Yes	No
Discharge Location [Insert additional discharge locations if applicable]	Observations		
1. BASIN #1 BASIN #2 BASIN #6	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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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:		
1. BASIN #3 BASIN #4	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? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Inspection Report for:
Grafton & Upton Railroad, Hopedale MA
CGP Tracking No.: MAR10038L Inspection Date:

"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: _____ **Date:** _____

Printed Name and Affiliation: _____

Certification and Signature by Permittee

"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:** 10/11/22

Printed Name and Affiliation: DR. DEGISI GROUP

Inspection Report for Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR100381

Inspection Date:

10/29/22

General Information

Inspector Name, Title & Contact Information

PETER LAKYDIE

Present Phase of Construction

POST TREE ARRESTED

Inspection Location

364 West St. Hopedale MA 01474

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:

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 where conditions were found:

Inspection Report for: Grafton & Upton Railroad, Hopedale, MA CGP
Tracking No.: MAR100381

Inspection Date:

Type/Location of EAS Control [add add'l rows if applicable]		Condition and Effectiveness of Erosion and Sediment (EAS) Control (CGP Part 2.1.3)		Date on Which Maintenance or Corrective Action First Identified?		Notes	
		Repairs or Other Maintenance Needed?*	Corrective Action Required?*				
1.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
2.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
3.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
4.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
5.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
6.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
7.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
8.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
9.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				
10.		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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 became 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/swapp. See Part 5 of the permit for more information.

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Inspection Date:

Type/Location of P2 Practices [Insert additional rows if applicable]		Condition and Effectiveness of Pollution Prevention (P2) Practices (CGP Part 2.3)		Date on Which Maintenance or Corrective Action First Identified?	Notes
Repairs or Other Maintenance Needed?	Corrective Action Required?	Yes	No		
1.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
4.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
6.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
7.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
9.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> 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 became 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.

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Inspection Date:

Stabilization Area [Insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes
1.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
2.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
3.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
4.		<input type="checkbox"/> YES <input type="checkbox"/> NO	
5.		<input type="checkbox"/> YES <input type="checkbox"/> NO	

Discharge Location [Insert additional discharge locations if applicable]	Description of Discharges (CGP Part 4.1.6.6) Observations
1.	<p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p> <p>Describe the discharge:</p> <p>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? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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:</p>

Contractor or Subcontractor Certification and Signature

Inspection Report for:

Grafton & Upton Railroad, Hopedale MA

CGP Tracking No.: MAR100381 Inspection Date:

"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:

Date:

Printed Name and Affiliation:

Certification and Signature by Permittee

"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:

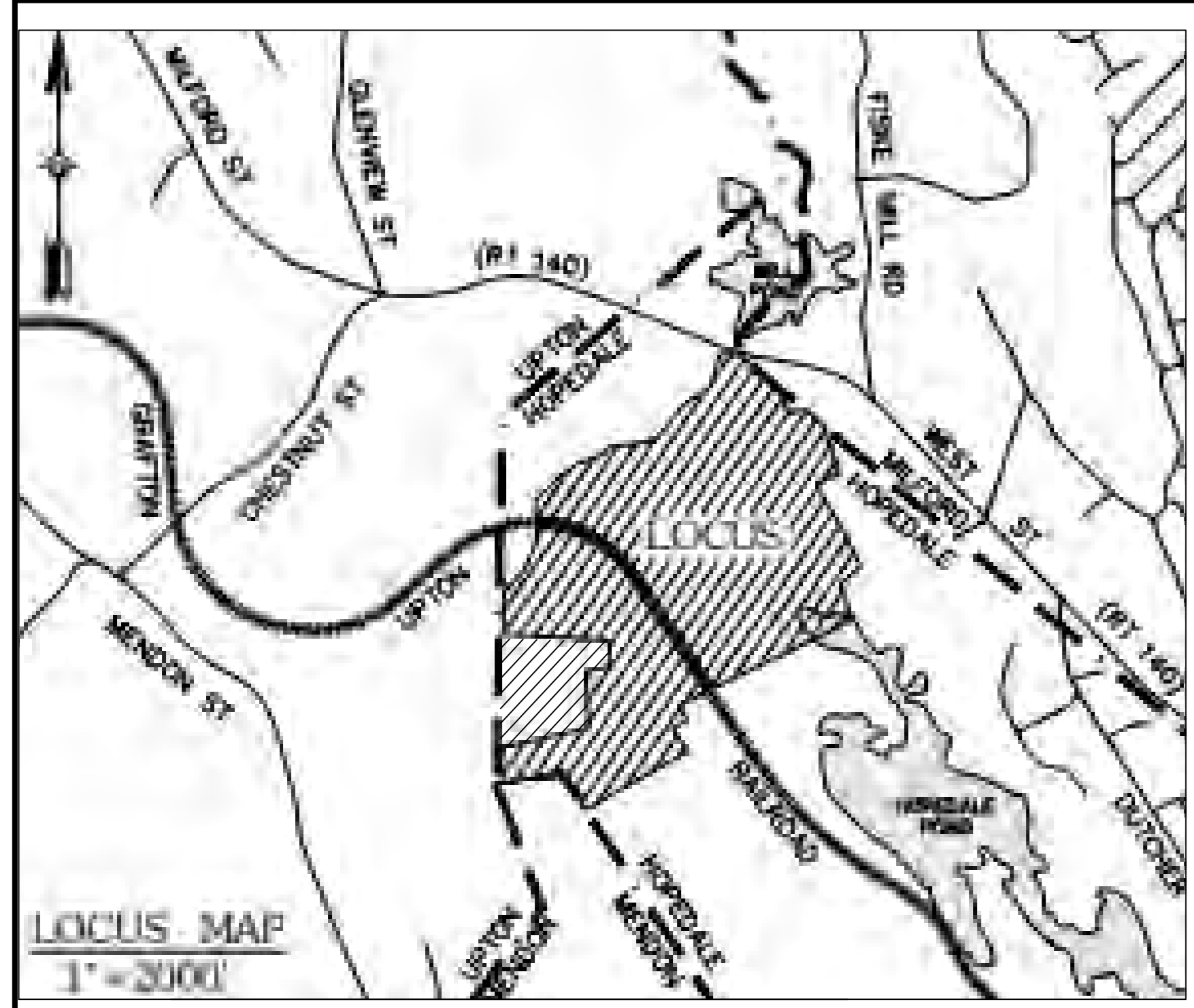
Printed Name and Affiliation:

10/28/22

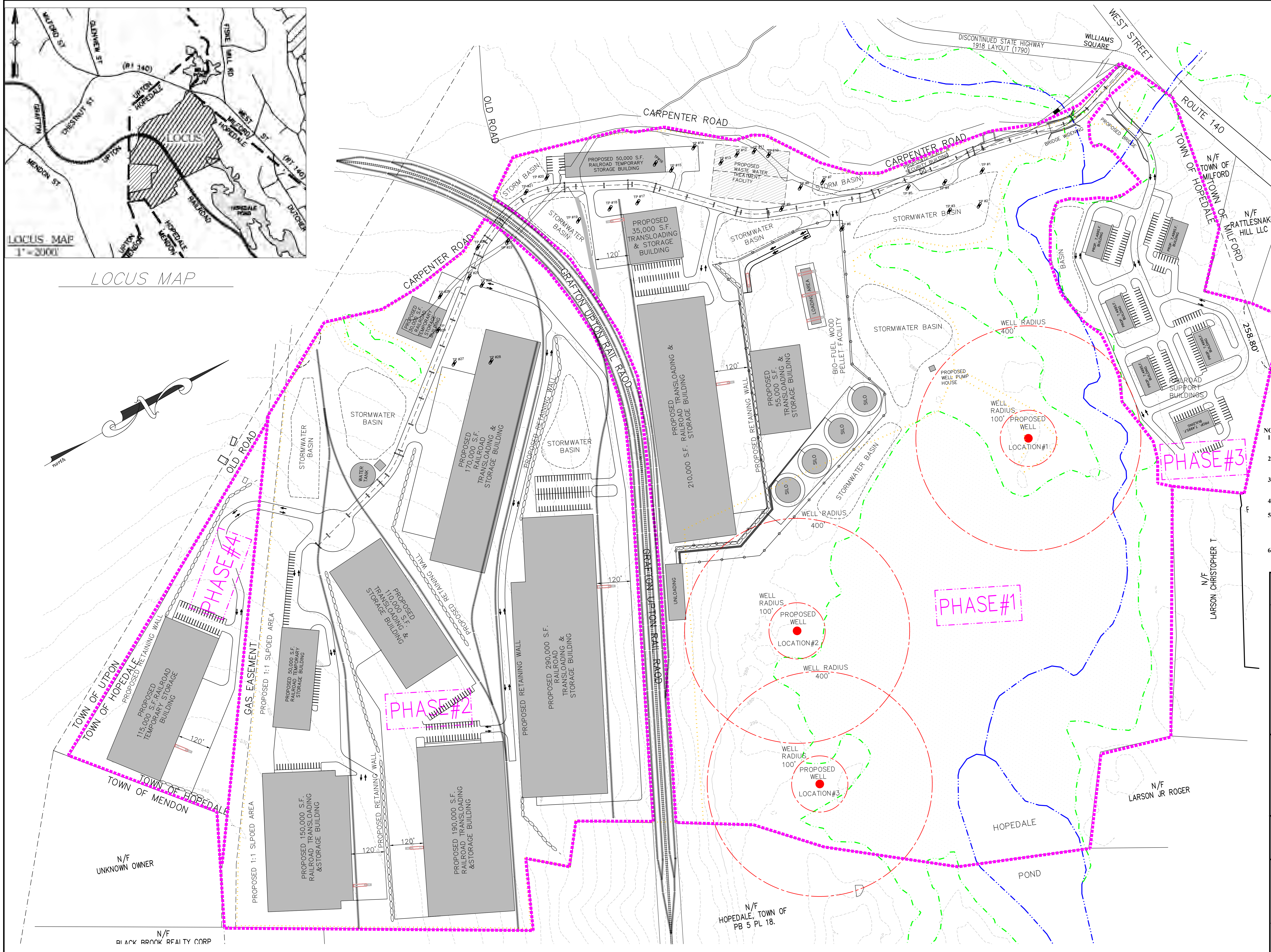
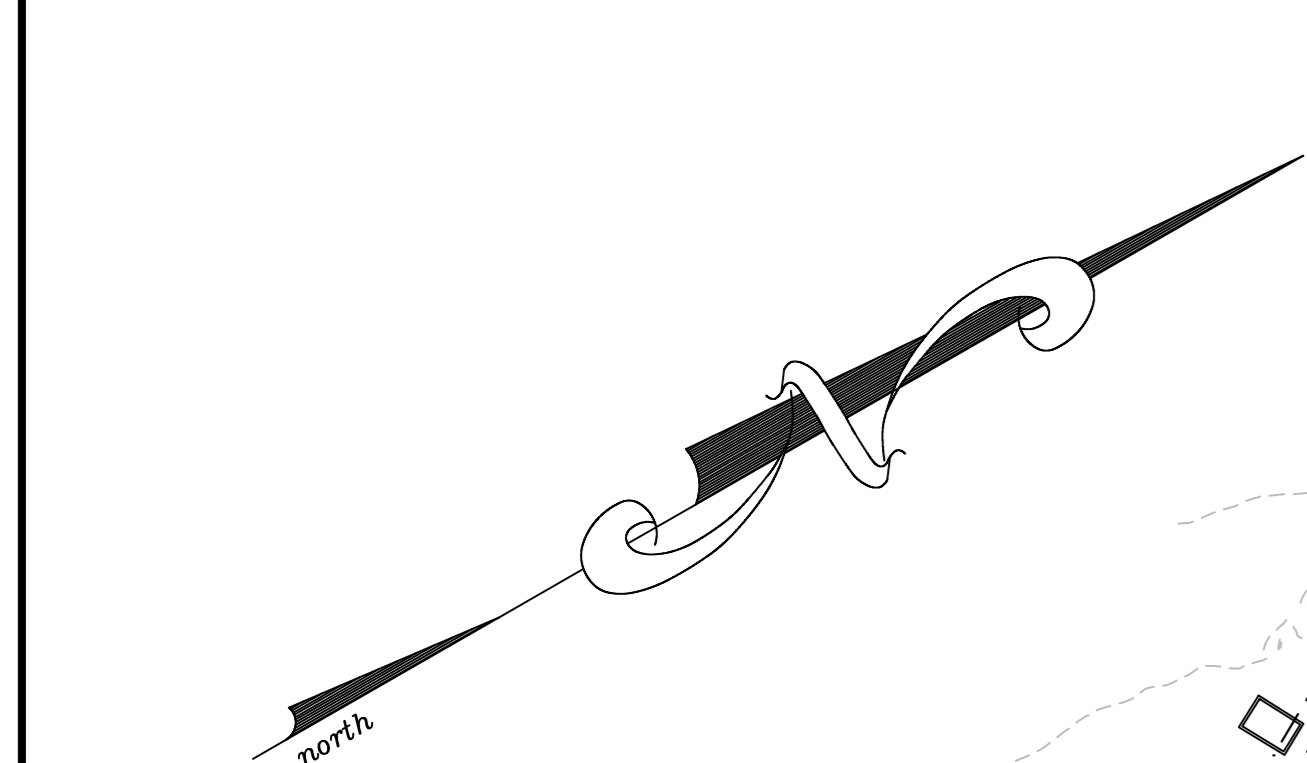
Exhibit "C"

GU Railroad's MetroWest Transloading & Logistics Center Plan

P.E.	P.L.S.



LOCUS MAP



- NOTES:
1. THIS IS A DEVELOPMENT MASTER PLAN THAT WILL BE USED FOR THE FRAMEWORK FOR THE FUTURE CONSTRUCTION OF THE PARCEL.
 2. ALL EXISTING TOPOGRAPHY WAS TAKEN FROM NOAA ACCESS VIEWER AND SHALL BE VERIFIED PRIOR TO START OF DESIGN ON THE PARCEL.
 3. PROPOSED STORMWATER BASINS SHOWN ON THIS PLAN HAVE BEEN SIZED FOR THE TOTAL BUILD OUT SHOWN ON THESE PLANS.
 4. ALL TRAIN RAILS SHOWN ON THIS PLAN HAVE BEEN DESIGNED USING 2.5% SLOPES MAXIMUM. PROPERTY SURVEY HAS BEEN COMPLETED BY ENGINEERING DESIGN CONSULTANTS, INC. AND OVERALL PROPERTY LINES HAVE BEEN TAKEN FROM SURVEY PERFORMED BY ENGINEERING DESIGN CONSULTANTS, INC.
 5. ALL WETLANDS THAT SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM MASSGIS AND ARE SHOWN IN A GENERAL MANNER.

364 WEST STREET
 TITLE:
 GU Railroad's Metrowest
 Transloading &
 Logistics Center
 in
 HOPEDALE, MA

D&L Design Group
 115 Water Street • Milford, MA 01757
 P:(508) 408-2577
 www.dandlgroup.com



SCALE: AS SHOWN
 DATE: MAY 21, 2021
 REV. 7/8/22 REV. 8/1/22
 JOB NO: J-012
 PLAN NO: SITE - PLAN
 SHEET NO: 1 OF 1

Rail Development Plan